



Aviation Investigation Final Report

Location:	OSCEOLA, Wisconsin	Accident Number:	CHI91FA088
Date & Time:	February 3, 1991, 12:30 Local	Registration:	N4676R
Aircraft:	PIPER PA-28-140	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

THE PLTS OF 2 CESSNA 182 ACFT TOOK OFF FROM RWY 10 IN FORMATION. ONE OF THESE, N6384A, HAD 4 SKYDIVERS ABOARD. AFTER TAKEOFF, THE PLT OF N6384A DISCONTINUED FORMATION FLT & DEP'D TO THE SE, WHILE THE OTR CESSNA DEP'D NE. AT ABOUT THE SAME TIME, A PIPER PA-28, N4676R, WAS APCHG THE ARPT WITH A DUAL STUDENT & INSTRUCTOR (CFI) ABOARD. SUBSEQUENTLY, THE 2 ACFT CONVERGED & COLLIDED ABOUT 1-1/2 MI SE OF THE ARPT. NO KNOWN WITNESS SAW THE COLLISION; THE ALTITUDE & HEADINGS OF THE ACFT WERE NOT VERIFIED. DURING IMPACT, THE 2 ACFT BECAME ENTANGLED & THEY IMPACTED THE GROUND AT THE SAME LOCATION. AN INVESTIGATION REVEALED EVIDENCE THAT THE HIGH WING CESSNA & THE LOW WING PA-28 CONVERGED LATERALLY, WHILE ON FLT PATHS THAT ANGLED TOWARD EACH OTHER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOTS IN BOTH AIRCRAFT TO SEEING-AND-AVOID THE OTHER AIRPLANE.

Findings

Occurrence #1: MIDAIR COLLISION
Phase of Operation: APPROACH

Findings

1. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
2. (C) VISUAL LOOKOUT - INADEQUATE - PILOT OF OTHER AIRCRAFT

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	32, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim	Last FAA Medical Exam:	October 3, 1990
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	539 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N4676R
Model/Series:	PA-28-140 PA-28-140	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:		Serial Number:	28-21433
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	1950 lbs
Time Since Last Inspection:	0 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, activated	Engine Model/Series:	O-320-E2A
Registered Owner:	TIMOTHY SCHMECKPEPER	Rated Power:	150 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:	MSP ,841 ft msl	Distance from Accident Site:	34 Nautical Miles
Observation Time:	12:50 Local	Direction from Accident Site:	43°
Lowest Cloud Condition:	Unknown	Visibility	15 miles
Lowest Ceiling:	Overcast / 25000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	15 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-18°C / -18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	ANOKA (AOE)	Type of Flight Plan Filed:	None
Destination:	(OEO)	Type of Clearance:	None
Departure Time:	00:00 Local	Type of Airspace:	

Airport Information

Airport:	L.O.SIMENSTAD MUNI OEO	Runway Surface Type:	
Airport Elevation:	903 ft msl	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal	Latitude, Longitude:	45.310859,-92.689926(est)

Administrative Information

Investigator In Charge (IIC): Gattolin, Frank

Additional Participating Persons:

Original Publish Date: May 15, 1992

Last Revision Date:

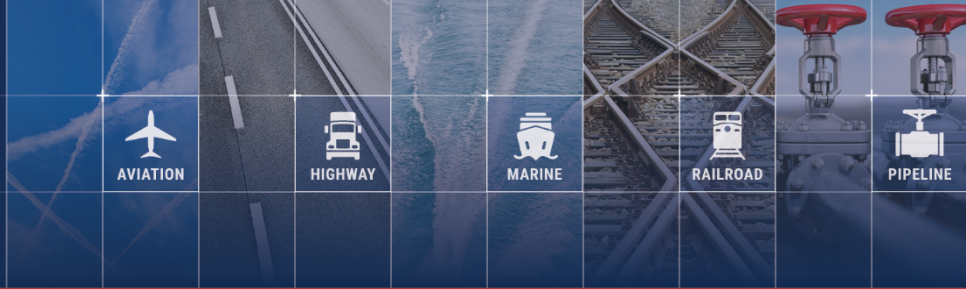
Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=14892>

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](#).



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Location:	OSCEOLA, Wisconsin	Accident Number:	CHI91FA088
Date & Time:	February 3, 1991, 12:30 Local	Registration:	N6384A
Aircraft:	CESSNA 182	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	5 Fatal
Flight Conducted Under:	Part 91: General aviation - Skydiving		

Analysis

THE PLTS OF 2 CESSNA 182 ACFT TOOK OFF FROM RWY 10 IN FORMATION. ONE OF THESE, N6384A, HAD 4 SKYDIVERS ABOARD. AFTER TAKEOFF, THE PLT OF N6384A DISCONTINUED FORMATION FLT & DEP'D TO THE SE, WHILE THE OTR CESSNA DEP'D NE. AT ABOUT THE SAME TIME, A PIPER PA-28, N4676R, WAS APCHG THE ARPT WITH A DUAL STUDENT & INSTRUCTOR (CFI) ABOARD. SUBSEQUENTLY, THE 2 ACFT CONVERGED & COLLIDED ABOUT 1-1/2 MI SE OF THE ARPT. NO KNOWN WITNESS SAW THE COLLISION; THE ALTITUDE & HEADINGS OF THE ACFT WERE NOT VERIFIED. DURING IMPACT, THE 2 ACFT BECAME ENTANGLED & THEY IMPACTED THE GROUND AT THE SAME LOCATION. AN INVESTIGATION REVEALED EVIDENCE THAT THE HIGH WING CESSNA & THE LOW WING PA-28 CONVERGED LATERALLY, WHILE ON FLT PATHS THAT ANGLED TOWARD EACH OTHER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOTS IN BOTH AIRCRAFT TO SEEING-AND-AVOID THE OTHER AIRPLANE.

Findings

Occurrence #1: MIDAIR COLLISION
Phase of Operation: CLIMB

Findings

1. (C) VISUAL LOOKOUT - INADEQUATE - DUAL STUDENT
2. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND(CFI)
3. (C) VISUAL LOOKOUT - INADEQUATE - PILOT OF OTHER AIRCRAFT

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Private	Age:	41, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	1200 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6384A
Model/Series:	182 182	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:		Serial Number:	33184
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:	0 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated	Engine Model/Series:	O-470-L
Registered Owner:	PATRICK R. QUASCHNICK	Rated Power:	230 Horsepower
Operator:	PATRICK R. QUASCHNICK	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

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Altimeter Setting:		Temperature/Dew Point:	-18°C / -18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(OEO)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	12:25 Local	Type of Airspace:	

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Runway Length/Width:		VFR Approach/Landing:	Traffic pattern

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Passenger Injuries:	4 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
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