 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: CHI90FA117	Aircraft Registration Number: N2976R
	Occurrence Date: 04/24/1990	Most Critical Injury: Fatal
	Occurrence Type: Accident	Investigated By: NTSB

Location/Time

Nearest City/Place WEST BEND	State WI	Zip Code 53095	Local Time 1350	Time Zone CDT	
---------------------------------	-------------	-------------------	--------------------	------------------	--

Airport Proximity: Off Airport/Airstrip	Distance From Landing Facility: 0	Direction From Airport: 0
---	-----------------------------------	---------------------------

Aircraft Information Summary


Aircraft Manufacturer BELLANCA	Model/Series 8KCAB	Type of Aircraft Airplane
-----------------------------------	-----------------------	------------------------------


Sightseeing Flight: No	Air Medical Transport Flight: No
------------------------	----------------------------------

Narrative

Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:

(This area is intentionally left blank for the narrative statement.)

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: CHI90FA117			
		Occurrence Date: 04/24/1990			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach: NONE					
VFR Approach/Landing: None					
Aircraft Information					
Aircraft Manufacturer BELLANCA		Model/Series 8KCAB		Serial Number 624-80	
Airworthiness Certificate(s): Acrobatic					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt. 1800 LBS	Number of Engines: 1		
Engine Type: Reciprocating	Engine Manufacturer: LYCOMING	Model/Series: AEIO-360-H1A	Rated Power: 180 HP		
- Aircraft Inspection Information					
Type of Last Inspection Annual	Date of Last Inspection 02/1990	Time Since Last Inspection 50 Hours	Airframe Total Time 1775 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated?	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
		City	State	Zip Code	
Operator of Aircraft GRAN-AIRE, INC.		Street Address L.J. TIMMERMAN AIRPORT			
		City MILWAUKEE	State WI	Zip Code 53207	
Operator Does Business As:			Operator Designator Code: AZOA		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): On-demand Air Taxi					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Instructional					
FACTUAL REPORT - AVIATION					

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: CHI90FA117
	Occurrence Date: 04/24/1990
	Occurrence Type: Accident

First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 47
-----------------	-----------------	------------------	--------------------------	-----------

Sex: M	Seat Occupied: Unknown	Principal Profession: Civilian Pilot	Certificate Number: On File
--------	------------------------	--------------------------------------	-----------------------------

Certificate(s): Flight Instructor; Commercial

Airplane Rating(s): Multi-engine Land; Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine; Instrument Airplane

Type Rating/Endorsement for Accident/Incident Aircraft? No	Current Biennial Flight Review?
--	---------------------------------

Medical Cert.: Class 2	Medical Cert. Status: Valid Medical--w/ waivers/lim.	Date of Last Medical Exam: 11/1989
------------------------	--	------------------------------------

- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	26000	4000								
Pilot In Command(PIC)	25600									
Instructor	22000	4000								
Last 90 Days	65	65								
Last 30 Days	25	25								
Last 24 Hours	5	5								

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? Yes	Second Pilot? Yes
--------------------	----------------------------	---------------------------	-------------------

Flight Plan/Itinerary

Type of Flight Plan Filed: None

Departure Point MILWAUKEE	State WI	Airport Identifier MWC	Departure Time 1330	Time Zone CDT
------------------------------	-------------	---------------------------	------------------------	------------------

Destination Local Flight	State	Airport Identifier	
-----------------------------	-------	--------------------	--


Type of Clearance: None

Type of Airspace:

Weather Information

Source of Briefing:
No record of briefing

Method of Briefing:

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: CHI90FA117
	Occurrence Date: 04/24/1990
	Occurrence Type: Accident

Weather Information

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
MWC	1345	CDT	745 Ft. MSL	15 NM	180 Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			4000 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None			0 Ft. AGL	Visibility: 7 SM	Altimeter: 29.00 "Hg
Temperature: 28 °C	Dew Point: 3 °C	Wind Direction: 210		Density Altitude: Ft.	
Wind Speed: 10	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information

Aircraft Damage: Destroyed	Aircraft Fire: None	Aircraft Explosion: None
----------------------------	---------------------	--------------------------

Classification: U.S. Registered/U.S. Soil

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot	1				1
Second Pilot					
Student Pilot	1				1
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -	2				2
Other Ground	0	0	0		0
- GRAND TOTAL -	2	0	0		2

National Transportation Safety Board

FACTUAL REPORT

AVIATION



NTSB ID: CHI90FA117

Occurrence Date: 04/24/1990

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

MARK E. DOUB

Additional Persons Participating in This Accident/Incident Investigation:

EFRAIM ARROYO