 <p>National Transportation Safety Board <b>FACTUAL REPORT</b> AVIATION</p>	NTSB ID: MKC90LA077	Aircraft Registration Number: N12KD
	Occurrence Date: 03/30/1990	Most Critical Injury: None
	Occurrence Type: Accident	Investigated By: NTSB

Location/Time

Nearest City/Place MINNEAPOLIS	State MN	Zip Code 55344	Local Time 1210	Time Zone CST	
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Airport Proximity: On Airport	Distance From Landing Facility: 0	Direction From Airport: 0
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Aircraft Information Summary


Aircraft Manufacturer BELLANCA	Model/Series 8KCAB	Type of Aircraft Airplane
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Sightseeing Flight: No	Air Medical Transport Flight: No
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Narrative

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

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

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: MKC90LA077			
		Occurrence Date: 03/30/1990			
		Occurrence Type: Accident			
<b>Landing Facility/Approach Information</b>					
Airport Name FLYING CLOUD	Airport ID: FCM	Airport Elevation 906 Ft. MSL	Runway Used 27R	Runway Length 3500	Runway Width 75
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: Full Stop					
<b>Aircraft Information</b>					
Aircraft Manufacturer BELLANCA		Model/Series 8KCAB		Serial Number 596-80	
Airworthiness Certificate(s):					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt. 1822 LBS	Number of Engines: 1		
Engine Type: Reciprocating	Engine Manufacturer: LYCOMING	Model/Series: IO-360-H1A	Rated Power: 180 HP		
- Aircraft Inspection Information					
Type of Last Inspection Unknown	Date of Last Inspection	Time Since Last Inspection 0 Hours	Airframe Total Time Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner ONE TWO KILO DELTA CORP.		Street Address 1708 SELBY AVE.			
		City ST. PAUL	State MN	Zip Code 55104	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: MKC90LA077
	Occurrence Date: 03/30/1990
	Occurrence Type: Accident

**First Pilot Information**

Name On File	City	State	Date of Birth	Age 43
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Sex: M	Seat Occupied: Unknown	Principal Profession: Unknown	Certificate Number: On File
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Certificate(s): Private

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): None

Instructor Rating(s):

Type Rating/Endorsement for Accident/Incident Aircraft?	Current Biennial Flight Review?
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Medical Cert.: Class 2	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 09/1988
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- 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	162	23	162							
Pilot In Command(PIC)	140									
Instructor										
Last 90 Days	12	12								
Last 30 Days	5	5								
Last 24 Hours	1	1								

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? No
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: None

Departure Point Same as Accident/Incident Location	State	Airport Identifier FCM	Departure Time 1140	Time Zone CST
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Destination Local Flight	State	Airport Identifier	
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Type of Clearance: None

Type of Airspace: Class D

**Weather Information**

Source of Briefing:  
No record of briefing

Method of Briefing:

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: MKC90LA077
	Occurrence Date: 03/30/1990
	Occurrence Type: Accident

**Weather Information**

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
FCM	1145	CST	906 Ft. MSL	1 NM	0 Deg. Mag.

Sky/Lowest Cloud Condition: Scattered 6000 Ft. AGL Condition of Light: Day

Lowest Ceiling: None 0 Ft. AGL Visibility: 7 SM Altimeter: "Hg

Temperature: -18 °C Dew Point: -18 °C Wind Direction: 220 Density Altitude: 0 Ft.

Wind Speed: 6 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: Substantial 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					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers				1	1
- TOTAL ABOARD -				2	2
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	2	2

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



NTSB ID: MKC90LA077

Occurrence Date: 03/30/1990

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

JOHN R. HRUBAN

Additional Persons Participating in This Accident/Incident Investigation:

TERRY ZEIDLER

MSP FSDO GL-15