



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	XENIA, OH	<b>Accident Number:</b>	CHI88LA185
<b>Date &amp; Time:</b>	08/01/1988, 1710 EDT	<b>Registration:</b>	N2282E
<b>Aircraft:</b>	CESSNA 172N	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Aerial Observation

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## Pilot Information

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<b>Certificate:</b>	Commercial	<b>Age:</b>	58, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<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--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	09/29/1987
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	3124 hours (Total, all aircraft), 2500 hours (Total, this make and model), 2897 hours (Pilot In Command, all aircraft), 300 hours (Last 90 days, all aircraft), 100 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N2282E
Model/Series:	172N 172N	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17271218
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	AAIP	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:	24 Hours	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-320-H2AD
Registered Owner:	BRENTCO AERIAL PATROL	Rated Power:	160 hp
Operator:	BRENTCO AERIAL PATROL	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DAY, 1009 ft msl	Distance from Accident Site:	16 Nautical Miles
Observation Time:	1650 EDT	Direction from Accident Site:	330°
Lowest Cloud Condition:	Scattered / 4000 ft agl	Visibility	5 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	34° C / 24° C
Precipitation and Obscuration:			
Departure Point:	BLUFFTON, OH (5G7)	Type of Flight Plan Filed:	None
Destination:	XENIA, OH (I19)	Type of Clearance:	None
Departure Time:	1450 EDT	Type of Airspace:	

## Airport Information

Airport:	GREEN COUNTY (I19)	Runway Surface Type:	Asphalt
Airport Elevation:	949 ft	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	3972 ft / 75 ft	VFR Approach/Landing:	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	DAY WATERMAN
<b>Additional Participating Persons:</b>	JOHNS DUNCAN; CINCINNATI, OH
<b>Investigation Docket:</b>	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .