



National Transportation Safety Board Aviation Accident Final Report

Location:	MARENGO, OH	Accident Number:	CHI86LA081
Date & Time:	02/01/1986, 2350 EST	Registration:	N2942V
Aircraft:	CESSNA 150M	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE PLT WAS RELYING ON HIS LORAN C FOR NAVIGATION WHEN HE DECIDED TO ALTER HIS DESTINATION TO DELAWARE MUNICIPAL ARPT DUE TO ADVERSE WINDS AND TURBULENCE. HE HAD BEEN CHECKING HIS CHARTS FOR OBSTRUCTIONS WHEN THE ACFT COLLIDED WITH TREES IN A WOODED AREA SHORT OF HIS DESTINATION. THE PLT HAD JUST DESCENDED TO 2200 FT MSL TO AVOID TURBULENCE . HE STATED HE MAY HAVE BEEN LOOKING AT HIS CHARTS FOR UP TO FORTY SECONDS BUT THAT WAS NOT CUSTOMARY FOR HIM BECAUSE HIS ACFT 'HAS A TENDENCY TO ENTER A LEFT TURN EASY, HANDS OFF.'

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: ALTITUDE DEVIATION, UNCONTROLLED

Phase of Operation: CRUISE - NORMAL

Findings

1. (F) WEATHER CONDITION - LOW CEILING
2. (F) WEATHER CONDITION - RAIN
3. (F) WEATHER CONDITION - TURBULENCE
4. (F) WEATHER CONDITION - UNFAVORABLE WIND
5. (F) VISUAL LOOKOUT - NOT MAINTAINED - PILOT IN COMMAND
6. (F) DIVERTED ATTENTION - PILOT IN COMMAND
7. (C) PROPER ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Commercial	Age:	43, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	08/09/1984
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1011 hours (Total, all aircraft), 250 hours (Total, this make and model), 890 hours (Pilot In Command, all aircraft), 40 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N2942V
Model/Series:	150M 150M	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	150-76329
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	O-200-A
Registered Owner:	TERRY L. CRAYCRAFT	Rated Power:	100 hp
Operator:	TERRY L. CRAYCRAFT	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	CMH, 816 ft msl	Distance from Accident Site:	26 Nautical Miles
Observation Time:	2352 EST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 1100 ft agl	Visibility	3 Miles
Lowest Ceiling:	Overcast / 1100 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	10° C / 8° C
Precipitation and Obscuration:			
Departure Point:	SEBRING, OH (3G6)	Type of Flight Plan Filed:	None
Destination:	DELAWARE, OH (DLZ)	Type of Clearance:	None
Departure Time:	2230 EST	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	RONALD J SEBASTIAN	Report Date:	
Additional Participating Persons:	PAUL A TEXTER; COLUMBUS, OH		
Publish Date:			
Investigation Docket:	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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).