



National Transportation Safety Board Aviation Accident Factual Report

Location:	MARQUETTE, MI	Accident Number:	CHI86LA136
Date & Time:	05/01/1986, 1131 EDT	Registration:	N313R
Aircraft:	CESSNA 404	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 91F: Special Flt Ops.		

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	03/01/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	7087 hours (Total, all aircraft), 2734 hours (Total, this make and model), 2200 hours (Pilot In Command, all aircraft), 265 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N313R
Model/Series:	404 404	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	4040682
Landing Gear Type:	Retractable - Tricycle	Seats:	10
Date/Type of Last Inspection:	04/04/1986, Annual	Certified Max Gross Wt.:	6500 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	3791 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	GTSIO-520-M
Registered Owner:	NORTHERN AIR SERVICE	Rated Power:	375 hp
Operator:	NORTHERN AIR SERVICE	Operating Certificate(s) Held:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MQT, 1419 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1131 EDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 500 ft agl	Visibility	2 Miles
Lowest Ceiling:	Overcast / 500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	20 knots / 30 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	IRON MOUNTAIN, MI (IMT)	Type of Flight Plan Filed:	IFR
Destination:	MARQUETTE, MI (MQT)	Type of Clearance:	IFR
Departure Time:	1058 EDT	Type of Airspace:	Class E

Airport Information

Airport:	MARQUETTE (MQJ)	Runway Surface Type:	Asphalt
Airport Elevation:	1419 ft	Runway Surface Condition:	Snow--wet
Runway Used:	26	IFR Approach:	LOC-backcourse
Runway Length/Width:	6500 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	EDWARD J MCAVOY
Additional Participating Persons:	R J MCELROY; GRAND RAPIDS, MI GLENN GHANEY; DES PLAINES, IL
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/ .