

		NTSB ID: CHI00LA135		Aircraft Registration Number: N962WM	
		Occurrence Date: 05/13/2000		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place ITHACA		State MI	Zip Code 48847	Local Time 1249	Time Zone EDT
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Rotorway		Model/Series EXEC 162F /EXEC 162F		Type of Aircraft Helicopter	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On May 13, 2000, at 1249 eastern daylight time, an amateur-built Rotorway Exec 162F helicopter, N962WM, owned, built and operated by the private pilot, was destroyed on impact with terrain near Ithaca, Michigan. The personal 14 CFR Part 91 flight was not on a flight plan. Visual meteorological conditions prevailed. The pilot sustained fatal injuries. The origin and destination of the flight have not been determined.</p> <p>The helicopter came to rest upright in a farm field. The wreckage trail began about 1/2 mile east-northeast of the main wreckage. At that point, pieces of Plexiglas and sheet metal were found. Portions of sheet metal from the tail-boom, the right horizontal stabilizer, the left entry doorframe and a section of the aft tail rotor drive belt were found about 3/8 mile east-northeast of the main wreckage. The tail rotor and gearbox along with the aft portion of the tail-boom were found about 1/8 mile north-northeast of the main wreckage. No anomalies were found that could be associated with a preexisting condition.</p> <p>The aircraft had departed from an industrial park in Lansing, Michigan and was flown to the West Branch Municipal Airport (Y31), West Branch, Michigan on the morning of the accident flight. The airport manager at Y31 reported that the aircraft was fueled at 1018 and then departed at about 1035. The accident site is located 55 nautical miles from Y31. It is not known if the pilot had landed at another site prior to the accident or if he had been flying the entire time.</p> <p>A post mortem examination of the pilot was performed at the Gratiot Community Hospital, Alma, Michigan.</p> <p>A Forensic Toxicology report from the Federal Aviation Administration was negative for ethanol, but listed Sildenafil and Cimetidine found in the fluids and body tissues. Sildenafil is the generic name for the brand name drug Viagra. Cimetidine is the active ingredient in the brand name drug Tagamet.</p>					
FACTUAL REPORT - AVIATION					
					Page 1

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: CHI00LA135			
		Occurrence Date: 05/13/2000			
		Occurrence Type: Accident			
<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: None					
<b>Aircraft Information</b>					
Aircraft Manufacturer Rotorway		Model/Series EXEC 162F /EXEC 162F		Serial Number 6291	
Airworthiness Certificate(s): Experimental (Special)					
Landing Gear Type: Skid					
Amateur Built Acft? Yes	Number of Seats: 2	Certified Max Gross Wt. 1500 LBS		Number of Engines:	
Engine Type: Reciprocating		Engine Manufacturer: Rotorway		Model/Series: R1162F	
				Rated Power: 150 HP	
- Aircraft Inspection Information					
Type of Last Inspection Unknown		Date of Last Inspection 11/1998	Time Since Last Inspection 167 Hours	Airframe Total Time 167 Hours	
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type No		ELT Operated?	ELT Aided in Locating Accident Site?		
<b>Owner/Operator Information</b>					
Registered Aircraft Owner WAYNE G MARTIN		Street Address 1424 WELLINGTON RD			
		City LANSING	State MI	Zip Code 48910	
Operator of Aircraft WAYNE G MARTIN		Street Address 1424 WELLINGTON RD			
		City LANSING	State MI	Zip Code 48910	
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: CHI00LA135
	Occurrence Date: 05/13/2000
	Occurrence Type: Accident

**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 56
-----------------	-----------------	------------------	--------------------------	-----------

Sex: M	Seat Occupied: Left	Occupational Pilot? Unknown	Certificate Number: On File
--------	---------------------	-----------------------------	-----------------------------

Certificate(s): Private

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA: Helicopter

Instrument Rating(s): None

Instructor Rating(s): None

Current Biennial Flight Review?

Medical Cert.: Class 2	Medical Cert. Status: Valid Medical--w/ waivers/lim.	Date of Last Medical Exam: 09/1998
------------------------	--	------------------------------------

- 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	250									
Pilot In Command(PIC)										
Instructor										
Instruction Received										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? Yes	Second Pilot? No
--------------------	----------------------------	---------------------------	------------------

**Flight Plan/Itinerary**

Type of Flight Plan Filed: None

Departure Point UNK	State	Airport Identifier	Departure Time 0000	Time Zone
------------------------	-------	--------------------	------------------------	-----------


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

Type of Clearance: None

Type of Airspace: Class G

**Weather Information**

Source of Wx Information:  
  
No record of briefing

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: CHI00LA135
	Occurrence Date: 05/13/2000
	Occurrence Type: Accident

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
AMN	1257	CDT	754 Ft. MSL	11 NM	273 Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			4300 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None		0 Ft. AGL	Visibility: 10 SM	Altimeter: 29.00 "Hg	
Temperature: 13 °C	Dew Point: 3 °C	Weather Conditions at Accident Site: Visual Conditions			
Wind Direction: 280		Wind Speed: 21	Wind Gusts: 28		
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM				
Precip and/or Obscuration:					

<b>Accident Information</b>		
Aircraft Damage: Destroyed	Aircraft Fire: None	Aircraft Explosion: None

- 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					
- TOTAL ABOARD -	1				1
Other Ground	0	0	0		0
- GRAND TOTAL -	1	0	0		1

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



NTSB ID: CHI00LA135

Occurrence Date: 05/13/2000

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

JOHN M. BRANNEN

Additional Persons Participating in This Accident/Incident Investigation:

VITO CARELLO  
GRAND RAPIDS, MI