



Aviation Investigation Factual Report

Location:	Carrollton, Ohio	Accident Number:	CHI07LA195
Date & Time:	July 5, 2007, 11:00 Local	Registration:	N200JA
Aircraft:	Grumman American AA-1C	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General aviation - Personal		

Factual Information

On July 5, 2007, about 1100 eastern daylight time, N200JA, registered as a Grumman American AA-1C, operated by an instrument rated private pilot, sustained substantial damage on impact with trees and terrain during cruise near Carrollton, Ohio. The personal flight was operating under 14 CFR Part 91. Visual meteorological conditions prevailed at the time of the accident. No flight plan was on file. The pilot and passenger sustained fatal injuries. The flight departed about 0930 from the Ashland Regional Airport (DWU), near Ashland, Kentucky, and was destined for the Carroll County-Tolson Airport (TSO), near Carrollton, Ohio.

Fueling receipts showed that the airplane was fueled with 14.3 gallons of aviation gasoline at 0914 and a witness at DWU reported that the airplane departed about 0930.

Witnesses reported to a Federal Aviation Administration (FAA) Inspector that they saw an airplane circling and heard the engine revving up and down before hearing a "big bang." The airplane was found in a tree farm about five miles south of TSO. Trees near the wreckage debris field were found with broken branches. The wreckage debris field was about 140 feet long by 99 feet wide.

At 1053, the recorded weather at the Harry Clever Field Airport, near New Philadelphia, Ohio, about 250 degrees and 17 nautical miles from the accident site, was: Wind 270 degrees at 5 knots; visibility 4 statute miles; present weather mist; sky condition overcast 1,000 feet above ground level (AGL); temperature 22 degrees Celsius (C); dew point 20 degrees C; altimeter 29.94 inches of mercury; remarks lighting north and northeast, thunderstorm began at 1026 and ended at 1051, rain began at 0955 and ended at 1047, ceilings 700 AGL variable to 1,500 AGL.

FAA personnel reviewed flight service station records and there was no record of any weather briefing by anyone representing N200JA.

FAA inspectors examined the wreckage on-scene. The examination revealed no pre-impact anomalies.

The FAA Civil Aerospace Medical Institute prepared a Final Forensic Toxicology Accident Report. The report stated, "NAPROXEN detected in Urine."

The pilot did not list taking Naproxen on his last application for his third class medical certificate.

Pilot Information

Certificate:	Private	Age:	82,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 3 Unknown	Last FAA Medical Exam:	December 1, 2006
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 1, 2007
Flight Time:	2587.8 hours (Total, all aircraft), 4 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Grumman American	Registration:	N200JA
Model/Series:	AA-1C	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	AA1C-0052
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:	Lycoming
ELT:	Installed	Engine Model/Series:	O-235
Registered Owner:	John C. Wise	Rated Power:	115 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KPHD,894 ft msl	Distance from Accident Site:	17 Nautical Miles
Observation Time:	10:53 Local	Direction from Accident Site:	250°
Lowest Cloud Condition:		Visibility	4 miles
Lowest Ceiling:	Overcast / 1000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	5 knots / None	Turbulence Type Forecast/Actual:	/
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.94 inches Hg	Temperature/Dew Point:	22°C / 20°C
Precipitation and Obscuration:	In the vicinity - Thunderstorm - Mist		
Departure Point:	Ashland, KY (DWU)	Type of Flight Plan Filed:	None
Destination:	Carrollton, OH (TSO)	Type of Clearance:	None
Departure Time:	09:20 Local	Type of Airspace:	

Airport Information

Airport:	CARROLL COUNTY-TOLSON TSO	Runway Surface Type:	
Airport Elevation:	1163 ft msl	Runway Surface Condition:	
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Full stop

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Malinowski, Edward
Additional Participating Persons:	J. S James; Federal Aviation Administration; Cleveland, OH
Report Date:	March 2, 2008
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=66168

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