



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Knox, IN	<b>Accident Number:</b>	CHI05CA210
<b>Date &amp; Time:</b>	08/01/2005, 1200 CDT	<b>Registration:</b>	N83W
<b>Aircraft:</b>	Barr Barr Six	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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On August 1, 2005, about 1200, central daylight time, an experimental amateur-built Barr Barr Six airplane, piloted by a private pilot, was destroyed by fire during its taxi to parking after a landing at the

Starke County Airport, near Knox, Indiana. The personal flight was operating under 14 Code of Federal Regulations Part 91. Visual meteorological conditions prevailed at the time of the accident. The pilot reported that a visual flight rules flight plan was filed. The pilot reported that he was uninjured. The flight originated from the Wittman Regional Airport, near Oshkosh, Wisconsin, about 1100.

The pilot's accident report stated:

After reaching pattern altitude I turned on boost pump and approach flaps, and opened cowl flaps. I then pulled power back to enter upwind. Engine felt like it was going to quit. I entered down wind and pulled throttle back all the way. I landed and turned on to taxi way. There was smoke coming out of instrument panel. I shut down everything and got out of plane to check front of plane. Engine was still turning over then it stopped. I went back inside to get fire extinguisher. I went back outside and shot extinguisher up cow flaps. Could not stop fire and plane was destroyed.

The pilot reported that the airplane was powered with a 400 horsepower Lycoming IO-720-

A1BD engine. He reported that the engine had accumulated 3,812 hours of total time, 210 hours since overhaul, and 5 hours since a 100 hour inspection.

Federal Aviation Administration inspectors examined the wreckage and were unable to determine the source of the fire.

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	61, Male
<b>Airplane Rating(s):</b>	Multi-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>	Airplane	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 With Waivers/Limitations	<b>Last FAA Medical Exam:</b>	11/01/2002
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1817 hours (Total, all aircraft), 106 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Barr	<b>Registration:</b>	N83W
<b>Model/Series:</b>	Barr Six	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	Yes
<b>Airworthiness Certificate:</b>	Experimental	<b>Serial Number:</b>	001
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>		<b>Certified Max Gross Wt.:</b>	4500 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>		<b>Engine Model/Series:</b>	IO-720-A1Bd
<b>Registered Owner:</b>	James Barr	<b>Rated Power:</b>	400 hp
<b>Operator:</b>	James Barr	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	VPZ, 771 ft msl	Distance from Accident Site:	
Observation Time:	CDT	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.17 inches Hg	Temperature/Dew Point:	29° C / 20° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	OSHKOSH, WI (OSH)	Type of Flight Plan Filed:	VFR
Destination:	Knox, IN (OXI)	Type of Clearance:	None
Departure Time:	1100 CDT	Type of Airspace:	

## Airport Information

Airport:	Runway Surface Type:
Airport Elevation:	Runway Surface Condition:
Runway Used:	IFR Approach:
Runway Length/Width:	VFR Approach/Landing:

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	41.330278, -86.664722

## Administrative Information

Investigator In Charge (IIC):	Edward F Malinowski
Additional Participating Persons:	Mel Schuck; South Bend, IN, FSDO
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
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 <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> .