



National Transportation Safety Board Aviation Accident Factual Report

Location:	FORT WAYNE, IN	Accident Number:	CHI00LA219
Date & Time:	07/01/2000, 1645 EST	Registration:	N521MC
Aircraft:	McCann WHEELER EXPRESS/FT	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On July 1, 2000, at 1645 eastern standard time, an amateur built McCann Wheeler Express/FT, N521MC, piloted by a commercial pilot was substantially damaged during contact with a parked airplane and the airport perimeter fence while landing on runway 13 (2,910 feet by 100 feet, asphalt) at the Smith Field Airport, Fort Wayne, Indiana. The personal flight was operating under the provisions of 14 CFR Part 91, and was operating on an instrument flight rules flight plan. Visual meteorological conditions prevailed at the time of the accident. The pilot reported no injuries to himself or his one passenger. The flight departed the Allen County Airport, Iola, Kansas at 1330.

In a written statement the pilot said that, "after touchdown I tapped [the] brakes lightly and got no response. I applied heavier pressure but got no brakes other than very light response." The airplane went off the end of the runway and across the parking ramp striking a parked airplane and the airport perimeter fence. The parked airplane received minor damage to the left aileron.

A postaccident examination by a Federal Aviation Administration Inspector revealed that a support bar installed above the brake pedals could restrict the brake travel. The inspector said that this condition was noticed when his feet were raised about 2 inches above the cockpit floor. No other anomalies were found that could be associated with a preexisting condition.

Pilot Information

Certificate:	Commercial	Age:	65, 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:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	05/28/1999
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	7338 hours (Total, all aircraft), 252 hours (Total, this make and model), 6838 hours (Pilot In Command, all aircraft), 14 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	McCann	Registration:	N521MC
Model/Series:	WHEELER EXPRESS/FT WHEELER EX	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	42
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	04/24/2000, Annual	Certified Max Gross Wt.:	2950 lbs
Time Since Last Inspection:	15 Hours	Engines:	1 Reciprocating
Airframe Total Time:	260 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-360-C1
Registered Owner:	ROBERT I MCCANN	Rated Power:	210 hp
Operator:	ROBERT I MCCANN	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FWA, 815 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	1654 CDT	Direction from Accident Site:	190°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	80° C / 55° C
Precipitation and Obscuration:			
Departure Point:	IOLA, KS (K88)	Type of Flight Plan Filed:	IFR
Destination:	(SMD)	Type of Clearance:	IFR
Departure Time:	1330 CDT	Type of Airspace:	Class G

Airport Information

Airport:	SMITH FIELD (SMD)	Runway Surface Type:	Asphalt
Airport Elevation:	834 ft	Runway Surface Condition:	Dry
Runway Used:	13	IFR Approach:	
Runway Length/Width:	2910 ft / 100 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JOHN M BRANNEN
Additional Participating Persons:	ROBERT F HELBING; SOUTH BEND, IN
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .