



National Transportation Safety Board Aviation Accident Final Report

Location:	HOLLY, MI	Accident Number:	CHI86FEC06
Date & Time:	09/01/1986, 1253 EDT	Registration:	N1BL
Aircraft:	LAWRENCE BABY GREAT LAKES	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Fatal

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PLT/OWNER HAD RECENTLY ACQUIRED THE ACFT & HAD ONLY ABOUT 3 HRS OF FLT TIME IN THIS MAKE & MODEL. AFTER TAKING OFF, HE FLEW TO THE AREA OF A FRIEND'S HOUSE & MADE SVRL PASSES OVER A FIELD NEAR THE HOUSE. AFTER THE LAST PASS, THE PLT TURNED TO AN EASTERLY HEADING & BEGAN A STEEP CLIMB. WITNESSES RPRTD THAT AT THE TOP OF THE CLIMB, THE ACFT STALLED, ENTERED A SPIN & CRASHED. NO PREIMPACT PART FAILURE OR MALFUNCTION WAS FOUND DURING AN EXAM OF THE ACFT.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING

Findings

1. LOW PASS - PERFORMED
 2. CLIMB - INITIATED
 3. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
 4. (C) STALL/SPIN - INADVERTENT - PILOT IN COMMAND
 5. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Private	Age:	46, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	09/28/1984
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	384 hours (Total, all aircraft), 3 hours (Total, this make and model), 348 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	LAWRENCE	Registration:	N1BL
Model/Series:	BABY GREAT LAKES BABY GREAT	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	364 B
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	04/02/1986, Annual	Certified Max Gross Wt.:	850 lbs
Time Since Last Inspection:	13 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2287 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Not installed	Engine Model/Series:	A-75
Registered Owner:	FREDRICK W. HEIDT	Rated Power:	75 hp
Operator:	FREDRICK W. HEIDT	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	2 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	24° C
Precipitation and Obscuration:			
Departure Point:	LINDEN, MI (9G2)	Type of Flight Plan Filed:	None
Destination:	(9G2)	Type of Clearance:	None
Departure Time:	1200 EDT	Type of Airspace:	Class G

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	RICHARD A GASTRICH	Report Date:	
Additional Participating Persons:	TOM MARTIN; BELLEVILLE, MI AUTHER WARNER; BELLEVILLE, MI LARRY FAIR; BELLEVILLE, MI		
Publish Date:			
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/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).