



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Basile, LA	<b>Accident Number:</b>	FTW02LA194
<b>Date &amp; Time:</b>	07/01/2002, 0750 CDT	<b>Registration:</b>	N8917H
<b>Aircraft:</b>	Grumman-Schweizer G-164A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

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On July 1, 2002, approximately 0750 central daylight time, a Grumman-Schweizer G-164A agricultural airplane, N8917H, sustained substantial damage during a forced landing following a partial loss of engine power while maneuvering near Basile, Louisiana. The commercial pilot, sole occupant of the airplane, was not injured. The airplane was registered to B & S Flyers Inc. of Gueydan, Louisiana, and operated by Kib Aviation of Basile, Louisiana, under 14 Code of Federal Regulations Part 137. Visual meteorological conditions prevailed for the aerial application flight, and a flight plan was not filed. The airplane departed from a private airstrip near Basile, at 0730.

In a telephone interview with the NTSB investigator-in-charge, the pilot reported that he had just completed his fourth spray load of the morning and was returning for the next load when the engine began running rough and started to backfire. The pilot stated "I checked the mags, propeller, and throttle lever, and found everything to be normal, but the engine continued to backfire." Not being able to maintain altitude, the pilot elected to make a forced landing in a rice field. After touchdown, the airplane nosed over and came to rest inverted. The pilot reported damage to the airplane included the vertical stabilizer, horizontal stabilizer, and rudder were destroyed, both propeller blades were bent, and the empennage was twisted and bent.

During an engine examination by a certified mechanic, no mechanical failures or malfunctions were noted that would have prevented normal engine operation. The reason for the partial loss of engine power was undetermined.

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	22, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Single
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	03/13/2002
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	12/19/2000
<b>Flight Time:</b>	1230 hours (Total, all aircraft), 882 hours (Total, this make and model), 1207 hours (Pilot In Command, all aircraft), 254 hours (Last 90 days, all aircraft), 68 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Grumman-Schweizer	<b>Registration:</b>	N8917H
<b>Model/Series:</b>	G-164A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Restricted	<b>Serial Number:</b>	1614
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	1
<b>Date/Type of Last Inspection:</b>	06/12/2002, Annual	<b>Certified Max Gross Wt.:</b>	4500 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	8875 Hours at time of accident	<b>Engine Manufacturer:</b>	Pratt & Whitney
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	R-985
<b>Registered Owner:</b>	B&S Flyers Inc	<b>Rated Power:</b>	450 hp
<b>Operator:</b>	Kib Aviation	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	KYIG

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	7 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	24° C / 21° C
Precipitation and Obscuration:			
Departure Point:	Basile, LA	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	Unknown
Departure Time:	0730 CDT	Type of Airspace:	Class G

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	30.548333, -92.477500

## Administrative Information

Investigator In Charge (IIC):	Thomas M Little
Additional Participating Persons:	Timothy Wells; Federal Aviation Administration; Baton Rouge, LA
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> .