



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	SATANTA, KS	<b>Accident Number:</b>	CHI97LA193
<b>Date &amp; Time:</b>	07/01/1997, 2030 CDT	<b>Registration:</b>	N10397
<b>Aircraft:</b>	Grumman G-164	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

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## Analysis

Approximately two miles after takeoff, the pilot reported losing partial power due to backfiring of the engine. The pilot then made a forced landing and ground looped the airplane. The engine was test run on the airplane. Rated power was achieved during the test run with no mechanical deficiencies were noted.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot did not maintain aircraft control and the reason for the loss of engine power was undetermined.

## Findings

Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings  
1. (C) REASON FOR OCCURRENCE UNDETERMINED  
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Occurrence #2: FORCED LANDING  
Phase of Operation: EMERGENCY DESCENT/LANDING  
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Occurrence #3: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING - ROLL

Findings  
2. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND  
3. GROUND LOOP/SWERVE - ENCOUNTERED - PILOT IN COMMAND  
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Occurrence #4: NOSE OVER  
Phase of Operation: LANDING - ROLL

## Pilot Information

Certificate:	Commercial	Age:	40
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1600 hours (Total, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	Grumman	Registration:	N10397
Model/Series:	G-164 G-164	Engines:	1 Reciprocating
Operator:	SATANTA FLYING SERVICE	Engine Manufacturer:	P&W
Operating Certificate(s) Held:		Engine Model/Series:	
Flight Conducted Under:	Part 137: Agricultural		

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	/ ,
Temperature:		Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:	(1K9)	Destination:	(1K9)

## Airport Information

Airport:	SATANTA MUNICIPAL AIRPORT (1K9)	Runway Surface Type:	Asphalt
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:	3250 ft / 30 ft		

## 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
Latitude, Longitude:			

## Administrative Information

Investigator In Charge (IIC): TODD J CARLSON Adopted Date: 01/07/1998

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](mailto: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.