



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Fenton, LA	<b>Accident Number:</b>	DFW05LA116
<b>Date &amp; Time:</b>	05/01/2005, 0730 CDT	<b>Registration:</b>	N63E
<b>Aircraft:</b>	Grumman-Schweizer G-164B	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Analysis

The 2,800-hour pilot was performing an aerial application on a rice field when the airplane's turbine engine lost power. The airplane landed short of a road, struck a drainage canal, bounced and came to rest in a rice field. Examination of the engine revealed that the firewall fuel filter was blocked by an unknown foreign contaminant.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The loss of engine power due to fuel starvation as a result of blockage of the firewall fuel filter with an unknown contaminant. A contributing factor was the lack of suitable terrain for the forced landing.

## Findings

Occurrence #1: LOSS OF ENGINE POWER

Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings

1. (C) FUEL SYSTEM, FILTER - BLOCKED (PARTIAL)
2. (C) FLUID, FUEL - STARVATION/EXHAUSTION

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Occurrence #2: FORCED LANDING

Phase of Operation: EMERGENCY DESCENT/LANDING

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Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: EMERGENCY LANDING

Findings

3. (F) TERRAIN CONDITION - NONE SUITABLE
4. TERRAIN CONDITION - DITCH

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	24
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	2800 hours (Total, all aircraft), 1 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Grumman-Schweizer	<b>Registration:</b>	N63E
<b>Model/Series:</b>	G-164B	<b>Engines:</b>	1 Turbo Prop
<b>Operator:</b>	Kinder Ag Service	<b>Engine Manufacturer:</b>	Walter
<b>Operating Certificate(s) Held:</b>		<b>Engine Model/Series:</b>	M601E-11
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	LCH	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None	<b>Wind Speed/Gusts, Direction:</b>	9 knots / , 50°
<b>Temperature:</b>	13° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Kinder, LA	<b>Destination:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>	30.285556, -92.941111		

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Frank McGill	<b>Adopted Date:</b>	10/27/2005
<b>Investigation Docket:</b>	NTSB accident and incident docket 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> .		

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