

**CIVIL AVIATION AUTHORITY OF THE PHILIPPINES**  
**Aircraft Accident Investigation and Inquiry Board**  
**Aircraft Accident Report**

**BASIC INFORMATION**

Aircraft Registration No.	:	RP-R2823
Make and Model	:	Grumman American AGCAT
Owner / Operator	:	Mactan Aviation Technology Center Inc.
Address of Operator	:	Solid Wood Hangar Old International Airport, Sasa, Davao City
Date / Time of Accident	:	November 30, 2008 / 0015UTC
Type of Operation	:	Agricultural
Phase of Operation	:	Aerial Spray
Type of Occurrence	:	Engine Failure (N 7 26min 09.54 / East 125 34 min 84 sec)

**EXECUTIVE SUMMARY**

On December 01, 2008 on or about 0015UTC RP-R 2823 was on a routine aerial application with fungicides on Pajeco and Dau / Duyag Area, Tadeco Plantation. In command of the aircraft was Capt. Brian Ted J. Pedeglorio utilizing a Grumman American AGCAT aircraft.

He made ten flights, which were all uneventful until his eleventh pass of the area while on a pull up his engine encountered power loss.

With less than 300 feet above the ground gained from the pull up he turned back to the plantation for an emergency landing and managed to glide the aircraft to a sand strip near a riverbank.

He touched down normally but since the chosen field was short he applied heavy braking to avoid a cable line, and in the process the aircraft turned upside down and stopped. The pilot escaped unhurt.

**PROBABLE CAUSE**

Material Failure was the probable cause of the accident contributory factor was the loss of landing surface.

**SAFETY RECOMMENDATIONS**

As a result of this investigation, the Aircraft Accident Investigation and Inquiry Board made the following safety recommendations:

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- That the damaged blower section be replaced and a test flight be conducted before the aircraft is given airworthiness certificate.

- That the pilot will undergo medical examination and check ride before he will be released to flying status.