

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

**BASIC INFORMATION**

Aircraft Registration No.	:	RP-R3024
Aircraft Type/Model	:	Grumman Ag-cat 164A
Owner/Operator	:	Mindanao Rainbow Agricultural Dev. Ser.
Address of Operator	:	15 Pastrano Compound Apas Lahug Cebu City
Place of Incident	:	Sittio Kapatagan, Laac, Compostella Valley
Date/Time of Incident	:	September 2, 2010/Approximately 233Z
Type of Operation	:	Agricultural Sprayer
Phase of Operation	:	Swath run stall
Type of Incident	:	Variable change of strong gust wind

**EXECUTIVE SUMMARY**

On Sept. 2, 2010 at about 2332, RP R3024 Grumman Agcat took off New Corella Airstrip for a series of aerial spray operations on a plantation at Compostela Valley. In control was a Commercial Pilot License (CPL) holder. The weather and wind condition was fair, however, on his 3<sup>rd</sup> sortie the pilot observed that the wind was becoming gusty and stronger. He decided to terminate operation and make a 180° turn towards the runway for landing and in the process sudden gust strike the aircraft causing it to stall and crashed, which destroyed the aircraft. The pilot sustained minor injuries.

**PROBABLE CAUSE**

The Aircraft Accident Investigation and Inquiry Board determined that the probable cause of this accident was human factor was the cause of the accident as evident of the inability of the pilot to recognize the stall, Contributory was the strong gust in the area which was mountainous and observed during the investigation that indeed the wind was so gusty.

## **SAFETY RECOMMENDATION**

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

- The pilot must undergo flight training giving emphasis on stall recovery before he can be released from automatic grounding.

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