

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

BASIC INFORMATION

Aircraft Registration No.	:	RP-R2924
Make and Model	:	Grumman American AGCAT
Owner Operator	:	Mactan Aviation Technology Center Inc.
Operator Address	:	Solid Wood Hangar Old International Airport, Sasa, Davao City
Date/Time of Accident	:	December 24, 2008 / 2200UTC
Type of Operation	:	Agricultural
Phase of Operation	:	Aerial Spray
Type of Occurrence	:	Forced Landing
Place of Accident	:	Kasig-ang, Sto. Tomas, Davao del Norte

EXECUTIVE SUMMARY

On December 24, 2008 on or about 2200UTC, RP-R2924, an Agcat 164A type of Aircraft was on a routine crop dusting operation at Kasig-ang municipality of Sto. Tomas, Davao del Norte when it encountered engine failure. The pilot forced landed the aircraft after he failed to revive the power. In the process the aircraft hit several banana trees and a canal, somersaulted and came to rest upside down. The pilot having the difficulty on his position and was not able to see the master switch, crawled out for his life, after about ten (10) second the aircraft burst into flames and burned totally. The pilot escaped unhurt.

PROBABLE CAUSE

- Material Failure was the probable cause of the accident contributory factor was the failure of the pilot to put the master switch off.

SAFETY RECOMMENDATIONS

- A thorough inspection on all cylinder heads of this type of engine must be done and submit to this office their compliance.
- That all cylinder head temperature gauges be calibrated.
- The pilot must undergo check ride with emphasis on forced landing procedures, before he will be released to flying status.