

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

BASIC INFORMATION

Aircraft Registration No. : RP-R2718

Aircraft Type/Model : Grumman Turbo Agcat G164B

Owner/Operator : Tagum Agricultural Development Corp.

Address of Operator : Bo.A. O. Florendo, Panabo Davao Del Norte

Place of Accident : Panabo Dayao, Davao del Norte (TADECO)

Date/Time of Accident : December 23, 2011/ 6:18am

Type of Operation : Crop Dusting (Aerial Application)

Phase of Operation : Landing

Type of Accident : Undershot landing

EXECUTIVE SUMMARY

On December 23, 2011, approximately 6:18 a.m., a Grumman G-164B Turbocat, agricultural bi-plane with registry number RP-C2718 was en-route to TADECO 1 Aerodrome after its 1st aerial spray operation of the day. On final approach the pilot reduced the power to attain the desired approach speed. In contrary, the pilot claimed that the aircraft accelerated to full power. The pilot executed a missed approach and proceeded with another circuit. On his 2nd attempt to land he noticed that the engine temperature was increasing to maximum level. The pilot decided to shut down the engine and proceeded with power off landing. Unfortunately, the aircraft landed 30 meters off the runway. Before the impact, the aircraft collided with several banana trees resulting in extensive damage. The sole occupant was able to evacuate the aircraft uninjured. Visual meteorological conditions prevailed at the time of the accident.

PROBABLE CAUSE

The Aircraft Accident Investigation and Inquiry Board determined that the probable cause of this accident was due to premature engine shutdown made by the pilot that resulted to undershot landing.

SAFETY RECOMMENDATIONS

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

- The pilot must undergo re- training on the systems of Grumman Turbo Agcat G-164b type of aircraft.
- The pilot must undergo re- training on procedures with emphasis on power off landing.