

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

BASIC INFORMATION

Registration	:	RP-R2998
Make and Model	:	Ayres Turbo Thrush S2R-T34
Owner/Operator	:	Airtrac Agricultural Corporation
Address of Operator	:	Door 9, Airport View Hotel, Buhangin Davao City
Date/Time of Incident	:	February 21, 2012 / 0700 UTC
Type of Operation	:	Agricultural Spraying
Phase of Operation	:	Landing
Type of Occurrence	:	Propeller strike
Place of Incident	:	Osmeña Airstrip, Comval, Davao Del Norte

EXECUTIVE SUMMARY

RP-R2998, an Ayres Turbo Thrush S2R-T34 type of aircraft, took off from Osmeña Airstrip for a routine proficiency flight. The pilot was about to touchdown on runway 36 between marker's 1 and 2 when he encountered a sudden downdraft. The aircraft landed abnormally and the propeller blades struck the macadam surface. However, the pilot was able to maintain directional control and performed the emergency engine shutdown procedure. The pilot egressed the aircraft safely without injury.

PROBABLE CAUSE

The Aircraft Accident Investigation and Inquiry Board determined that the probable cause of this accident was:

- **Primary Cause**

The probable cause of the accident was the captain's cessation of power input and to perform the go-around procedure before touchdown, when the airplane encountered a strong and gusty wind that exceeded the captain's training and experience.

- **Contributory Factor**

- a. Lack of experience on the pilot in this particular type of aircraft since he only logged only 24 Hours in three (3) months, with an average of 8 hours per month.

- b.** The transition time and experience were very low with regards to horsepower rating difference from Radial Engine Aircraft to Turbine Engine Aircraft.

SAFETY RECOMMENDATIONS

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

- a.** CAAP-FSIS shall strictly monitor the training program of pilots involved in agricultural spraying and strictly adhere to the standards required for initial/additional rating.
- b.** CAAP-FSIS shall strictly enforce the proficiency training as well as psychomotor skills focused on critical conditions to fully grasp and experience all emergency events during annual proficiency check rides of all pilots of agricultural sprayer aircraft.

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