

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

BASIC INFORMATION

Aircraft Registration No. : RP-R1285

Aircraft Type/Model : Ayres S2R Turbo Thrush

Owner/Operator : Stanfilco A Division of Dole Philippines.

Address of Operator : Doña Socorro St., Belisario Heights,
Lanang, Davao City

Date/Time of Accident : July 26, 2011/ o/a 5:45 PM

Type of Operation : Crop Dusting (Aerial Application)

Phase of Operation : Landing

Type of Occurrence : Runway excursion

Place of Accident : Maragusan Aerodrome, Mapawa, Maragusan,
Compostela Valley

EXECUTIVE SUMMARY

On July 26, 2011 at around 5:00 PM, RP-R1285 an Ayres S2RT type of aircraft departed from Maragusan Aerodrome located in Maragusan Comval Province for an aerial application flight. The first load was uneventful and the flight lasted for 25 minutes. At around 5:29 PM, the aircraft took off for the second load and proceeded to the assigned area. The chemicals were successfully delivered, however during landing when the aircraft was on landing roll it suddenly swerved to the left and subsequently went out of the runway and came to complete stop before a perimeter fence at the side of the runway. The aircraft sustained substantial damage due to the impact. The pilot did not sustain any injury while one (1) person on the ground was hit by the aircraft and was fatally injured.

PROBABLE CAUSE

The Aircraft Accident Investigation and Inquiry Board determined that the probable causes of this accident are the following:

- Fractured hydraulic line assembly that caused the right hand brake to fail.
- Inability of the pilot to regain directional control of the aircraft after it veered to the left.

- Failure of the pilot to detect brake failure before touch down because of no-standard procedure by not using landing check list.

SAFETY RECOMMENDATIONS

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

- To maintenance personnel to conduct visual inspection on brake hydraulic lines for sign of leaks before every flight.
- To pilots to strictly adhere to the standard procedures by using required checklist.