

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

**BASIC INFORMATION**

Aircraft Registration No. : RP-R1750

Aircraft Type/Model : Ayres S2R Thrush Commander

Owner/Operator : Airwolf Aviation Corporation

Address of Operator : Cor Maryknoll Drive, J.P. Laurel Ave.  
Lanang, Davao City

Place of Incident : Tacor, Sto. Tomas, Davao Del Norte

Date/Time of Incident : June 27, 2011 o/a 7:50 AM

Type of Operation : Crop Dusting (Aerial Application)

Phase of Operation : Swathing

Type of Occurrence : Engine Flameout

**EXECUTIVE SUMMARY**

For the first (1<sup>st</sup>) loading at around 5:49am, RP-R1750, Thrush S2RT type of aircraft loaded 1400 liters of chemicals and took off from Dapco aerodrome for aerial spraying operations to cover area field 56 & 57 towards Tacor plantation, around 6:32am the aircraft landed to refuel. About 6:50am again on his 2<sup>nd</sup> loading the aircraft took-off and encountered a slight glitch on his GPS system, he continued spraying to balance area field 57 and proceeded to area field 39. On his return to area field 57 to complete his swat run, upon approaching line 121. The aircraft experienced engine vibration followed by an engine flameout, the aircraft lost its speed and descended quickly then crash landed in a rice plantation. The pilot sustained no injuries. And no injuries to the persons on the ground were reported.

**PROBABLE CAUSE**

The Aircraft Accident Investigation and Inquiry Board determined that the probable cause of this accident was due to Human Factor as evident of the inability of the pilot to be situationally aware of the aircraft he is flying and its fuel requirements.

## **SAFETY RECOMMENDATION**

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

- The pilot must undergo flight training giving emphasis on fuel management and situational awareness.
- For the company to strictly implement company policy on fuel requirements for each type of aircraft.

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