

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

**BASIC INFORMATION**

Aircraft Registration No.	:	RP-R2806
Aircraft Type/Model	:	S2RHG-T34
Owner/Operator	:	Airwolf Aviation Corporation
Address of Operator	:	Cor. Maryknoll Drive J. Laurel Avenue, Lanang Davao City
Date/Time of S. Incident	:	August 18, 2016
Type of Operation	:	Agricultural Spraying
Phase of Operation	:	Enroute Climb
Type of Occurrence	:	Collision with the electrical overhead ground wire
Place of S. Incident	:	Almaca farm, Brgy. Alejal, Carmen, Davao del Norte

**BRIEF DESCRIPTION OF THE EVENT:**

In the morning of August 18, 2016 at about 0810H, a Thrush S2RHF-T34 type of aircraft sustained minor damaged after colliding with power transmission ground wire swath run in Almaca farm located at Brgy. Alejar, Carmen, Davao Del Norte. After a swath run and while passing over the transmission ground wire around 80 feet above ground level, the propeller collided with the wire that resulted to disconnection. The pilot decided to discontinue the swath run and returned to the aerodrome without further incident. The pilot who was the sole occupant did not sustain any injuries. Visual meteorological conditions prevailed at the time of the accident.

Post incident inspection conducted to the aircraft revealed that one of the propeller blades was cut around 4 inches from the tip while the other blade sustained deep neck located around 21 inches from the tip. Additionally, a visible hole around 24 inches x 36 inches was noted at the left hand wing leading edge about 86 inches from the wing root. The damaged appeared to have caused by the disconnected wire hitting the left wing. It was also noted that 4 spray nozzles were missing on the left hand part of the spray boom.

Ocular inspection was conducted on the incident site. The transmission ground wire runs almost perpendicular to the swath line. The wires are composed of 3 high voltage transmission lines around 60 feet and 2 overhead ground wires around 80 feet above the ground respectively. It was also observed that no aerial ball markers installed in that particular area to caution the low-flying aircraft where the power lines are so that they do not fly into it.