



AIRCRAFT ACCIDENT INVESTIGATION AND INQUIRY BOARD

FINAL REPORT

RP-R8306 ALLIED AG-CAT PRODUCTION INC., G-164B

OPERATOR: DAVAO AGRITECH INCORPORATED

TYPE OF OPERATION: AGRICULTURAL SPRAYING

DATE OF OCCURRENCE AUGUST 10, 2022

***PLACE OF OCCURRENCE: BARANGAY TAYTAY, CATEEL, DAVAO
ORIENTAL, PHILIPPINES***



BASIC INFORMATION

Registration No. : RP-R8306
Make and Model : Allied Ag-Cat Productions Inc., G-164B
Operator : Davao Agritech Incorporated
Address of Operator : Barrio A.O. Floirendo, Panabo City,
Davao del Norte, Philippines
Place of Occurrence : Barangay Taytay, Cateel, Davao Oriental, Philippines
Date/Time of Occurrence : August 10, 2022 at about 0730H/2330 UTC.
Type of Operation : Agricultural Spraying
Phase of Flight : Landing
Type of Occurrence : Collision with electrical wires

EXECUTIVE SUMMARY

On or about 0730H of August 10, 2022, RP-R8306, an Ag-Cat G-164B type of aircraft operated by Davao Agritech Incorporated sustained minor damage following a collision with electrical power lines during its final approach for landing at Cateel Airstrip, Barangay Taytay, Cateel, Davao Oriental, Philippines. The Pilot (P) on board was not injured. Visual meteorological conditions prevailed at the time of the occurrence, and no flight plan was filed. The flight originated from the same airfield at 0700H.

The pilot had already exhausted five (5) loads (1,300 gallons) of chemicals in his area of operation. During the return flight after finishing his fifth (5th) load, he observed the drastic appearance of low clouds (fogs) north of the airstrip, resulting in decreased visibility. The pilot decided to make his approach by entering the Surigao-Davao coastal area near Cateel Town Plaza, following the Cateel River, and then intercepting Taytayan Bridge, which is directly one (1) nautical mile from the airstrip. At the time he was at the river, the visibility had become so low that he was struggling with the low cloud base to maintain his visual flight just above the tree lines. Upon reaching Taytayan Bridge and turning finals, the aircraft hit a commercial power line that traversed along the riverside. The pilot saw a series of flashes in front of him and a jolt in the aircraft. He immediately pulled up, added power, and maintained flight while monitoring the engine parameters. The aircraft was oscillating, but he continued his approach and landed at Cateel Airstrip without further events.

The pilot safely alighted from the aircraft. He inspected the propeller and saw the damage. Inspection of the aircraft shows it sustained impact damage on its lower nose engine cowling, propellers, and engine due to a propeller wire strike. No post-impact fire was noted during the inspection.

PROBABLE CAUSE

- **Primary Cause Factor**
 - a. The pilot's decision to proceed with the landing despite the poor visibility caused by the presence of low clouds (fogs).
- **Contributory Cause Factor**
 - a. The lack of situational awareness.

SAFETY RECOMMENDATIONS

For **CAAP-FSIS** to ensure that the Operator (Davao Agritech Incorporated):

- a. To include in the company's operation manual the detailed procedures for flying in low visibility, including the mandatory use of alternate airstrips when necessary.
- b. To assign trained personnel to provide Pilots operating in the area with accurate and timely information regarding weather conditions, including low clouds, wind strength, direction and variation, and runway surface conditions.

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