



Republic of the Philippines
DEPARTMENT OF TRANSPORTATION
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
MIA Road, Pasay City 1300

AIRCRAFT ACCIDENT INVESTIGATION AND INQUIRY BOARD

FINAL REPORT

RP-C834 **PIPER AIRCRAFT INC., SENECA, PA-34-200**

OPERATOR: ROYHLE AVIATION ACADEMY

TYPE OF OPERATION: GENERAL AVIATION (UTILITY FLIGHT)

DATE OF OCCURRENCE JULY 7, 2020

***PLACE OF OCCURRENCE: SINUNOC BOULEVARD,
ZAMBOANGA CITY, ZAMBOANGA DEL SUR, PHILIPPINES***



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BASIC INFORMATION

Aircraft Registration No. : RP-C834

Aircraft Make and Model : Piper Aircraft Inc., Seneca / PA-34-200

Operator : Royhle Aviation Academy

Address of Operator : 2nd Floor Ong Building, North National Highway,
Bufiao, Dumaguete City, Negros Oriental Philippines

Place of Occurrence : Sinunoc Boulevard, Zamboanga City,
Zamboanga del Sur

Date/Time of Occurrence : July 7, 2020 / 0945H/0145UTC.

Type of Operation : General Aviation (Utility Flight)

Phase of Flight : Take-off

Type of Occurrence : Engine Failure Due To Fuel Contamination

EXECUTIVE SUMMARY

On or about 0945H, July 7, 2020, a Piper Aircraft Inc., Seneca, PA-34-200 type of aircraft with Registry Number RP-C834 sustained substantial damage after ditching at Sinunoc Boulevard about three (3) nautical miles from Zamboanga International Airport (RPMZ), Zamboanga City, Zamboanga del Sur. It is being operated by Royhle Aviation Academy under a utility flight. The two (2) crew and two (2) other occupants on board were not injured. The aircraft initially experienced loss of power on its left engine, after take-off on runway 27 for Dumaguete Principal Airport (RPVD) to pick up organic personnel on the area. All aircraft occupants egress safely through the help of local fishermen. Zamboanga Control Tower dispatched the Aerodrome Rescue Fire Fighter (ARFF) to help and secure the aircraft. Visual Meteorological Conditions (VMC) prevailed on the time of occurrence, and a local flight plan had been filed.

PROBABLE CAUSE

- **Primary Cause Factor**

- a. Presence of water in the left-hand engine fuel system that resulted to engine failure (Fuel Contamination).

- **Contributory Factors**

- a. Improper refueling procedures.

SAFETY RECOMMENDATIONS

- **CAAP-FSIS** to ensure that the Operator:

- a. Include in the Company Operations Manual, the established procedure on dispensing of aviation fuels.
 - b. Conduct refresher training to Pilots and Maintenance personnel on standards, practices, and safety measures to be observed in fueling an aircraft.

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