



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-C3515
TEXTRON AVIATION INC. CESSNA C172S

OWNER: AAG INTERNATIONAL CENTER FOR AVIATION TRAINING

TYPE OF OPERATION: FLIGHT TRAINING

DATE OF OCCURRENCE: MARCH 6, 2020

***PLACE OF OCCURRENCE: IBA COMMUNITY AIRPORT, IBA,
ZAMBALES, PHILIPPINES***



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BASIC INFORMATION

Aircraft Registration No. : RP- C3515
Aircraft Type/Model : Textron Aviation Inc. / Cessna C172S
Operator : AAG International Center for Aviation Training
Address of Operator : 1092 Jose Abad Santos Ave., Clark Freeport Zone,
Pampanga 2023, Philippines
Place of Occurrence : Iba Community Airport, Iba, Zambales, Philippines
Date/Time of Occurrence : March 6, 2020 at about 1500H/0700UTC
Type of Operation : Flight Training
Phase of Flight : Taxi
Type of Occurrence : Runway Excursion

EXECUTIVE SUMMARY

On March 6, 2020 at about 1155H a Cessna 172 type of aircraft with registry number RP-C3515 veered off the side of the runway while initiating 180 degrees turn for take-off at runway 32 Iba Airport, Zambales. The Flight Instructor and the Student Pilot did not sustain any injuries. The aircraft is being operated by AAG International Center for Aviation Training.

After performing three (3) touch and go landing (TGL) maneuvers the FI and SP made a full stop at Iba Airport Ramp. They again taxi out for runway 32 departure to perform another TGL maneuver. while turning to the left prior to executing a 180 degree turn for take-off on RWY 32, the aircraft continued to roll towards the left side of the runway. The wheels departed the pavement and came to complete stop in a soft ground about 4 meters from the runway edge (main wheels) with last heading of 39 degrees. Both occupants egress safely after performing engine shutdown procedure. Visual Meteorological Condition (VMC) prevailed at the time of the event. Wind was reported to be at 290 degrees at 6 knots.

PROBABLE CAUSE

- **Primary Cause**

Failure of the Student Pilot to maintain directional control of the aircraft while initiating a 180 degrees right turn resulting in runway excursion.

- **Contributory Cause**

- a. Failure of the FI to caution the SP to slow down the aircraft while on high-speed taxi before initiating the turn.
- b. Lack of situation awareness on the part of the FI and SP.

SAFETY RECOMMENDATIONS

- **CAAP- FSIS** to ensure that the Operator
 - a. Establish appropriate operational guidelines on taxiing and runway 180-degree turn maneuver.
 - b. Establish procedure to maintain/enhance situational awareness when conducting taxi operations.
 - c. Conduct standardization and evaluation check to both FI and SP.

SAFETY ACTIONS

Following the occurrence, AICAT initiated the following safety corrective actions:

- a. Issued an operational guideline on taxiing and runway 180-degree turn through Flight Crew Notice FCN 2020-02 dated March 30, 2020.
- b. Issued an operational guideline to maintain/enhance situational awareness when conducting taxi operations through Flight Crew Notice FCN 2020-01 dated March 30, 2020.
- c. Conducted standardization and evaluation check to both FI and SP on June 24, 2020.

The safety deficiencies presented in this report have been fully addressed and no further safety actions are recommended.

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