



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-C 1095
PA-23-250

OPERATOR: FAST AVIATION ACADEMY INC.

TYPE OF OPERATION: FLIGHT TRAINING

DATE OF OCCURRENCE: JANUARY 27, 2020

***PLACE OF OCCURRENCE: LINGAYEN COMMUNITY AIRPORT (RPUG)
LINGAYEN, PANGASINAN, PHILIPPINES***



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BASIC INFORMATION

Aircraft Registration No.	:	RP-C1095
Aircraft Type/Model	:	Piper Aircraft Inc. PA-23-250
Operator	:	FAST Aviation Academy Inc.
Address of Operator	:	RPMCI Hangar, North General Aviation Area, Manila Domestic Airport Complex, Pasay City
Place of Occurrence	:	Lingayen Community Airport (RPUG) Lingayen, Pangasinan, Philippines
Date/Time of Occurrence	:	January 17, 2020 at about 1345H/0545 UTC
Type of Operation	:	Flight Training (PCAR Part 3)
Phase of Operation	:	Taxi
Type of Occurrence	:	Collapse Right Main Landing Gear

EXECUTIVE SUMMARY

On or about 1345H, January 17, 2020, a Piper PA-23-250 type of aircraft with Registry Number RP-C1095 was about to exit RWY 26 after landing at Lingayen Community Airport (RPUG), Lingayen, Pangasinan, Philippines when it's right main landing gear collapsed. The aircraft is being operated by FAST Aviation Academy Inc., under PCAR Part 3. The Flight Instructor (FI) and Student Pilot (SP) sustained no injuries and the aircraft received substantial damage. Visual meteorological conditions prevailed at the time of the accident.

While taxiing to exit runway 26, for a full stop landing with the SP in the controls when the right main landing gear suddenly collapsed. The FI took over the controls and advised other traffic on the area about the disabled aircraft on the runway before performing engine shut down.

The occupants egress safely on their own but the aircraft received substantial damage. Lingayen Community Airport Crash Fire Rescue (CFR) personnel immediately responded and secured the aircraft. The aircraft right main landing gear scarred about 22 meters of runway and came to a full stop with a heading of 29 degrees and coordinates of 16.034145N, 120.238861E. No fire was reported by CFR.

PROBABLE CAUSE

- **Primary Cause Factor**

Failure of the right main landing gear strut housing body that resulted to the collapse of the right main landing. (Material Failure).

- **Contributory Cause Factors:**

Pilots failed to perform mandatory pre-flight inspection during aircraft operation to visually detect the development of a fatigue on the right main landing gear strut housing body. (Human Factor).

SAFETY RECOMMENDATIONS

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

- a. Complies with the mandatory pre and post flight inspection in every scheduled flight.
- b. Complies with Piper Aircraft Inc. mandatory Service Bulletin (SB) No. 1299A, dated December 18, 2019.

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