

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
Aircraft Accident Investigation and Inquiry Board
Aircraft Incident Report

BASIC INFORMATION

Aircraft Registration No. : RP-C2252

Aircraft Type/Model : YS-11A-500

Owner/Operator : Airlink International Aviation College

Address of Operator : Airlink Building, Domestic Airport Road
Pasay City, Philippines

Place of Incident : Manila Domestic Airport Runway 31

Date/Time of Incident : July 15, 2010/approximately 8:50 am local time

Type of Operation : Commercial Air Transport

Phase of Operation : Taxi

Type of Incident : Tire burst

EXECUTIVE SUMMARY

On July 15, 2010, RP-C2252, a YS-11A-500 type of aircraft started flight at Lubang airport (RPLU) carrying students from their educational activity. On or about 8:50am (local), the aircraft landed at Ninoy Aquino International Airport (RPLL) runway 06 It was cleared by Manila tower to taxi using runway 31. While taxiing, and passing F1B (Fox 1 Bravo) tower advised the pilots to switch frequency to Manila domestic ramp control. Domestic ramp told them to continue taxi and enter left H3 (Hotel 3) for Manila general aviation area. After passing the runway threshold of runway 13, about 100 meters from H3 and in preparation to make a left turn, and the pilot-in-command noticed the main landing gear tires on the left side busted and disabling the aircraft. The Pilot informed Manila Tower about their situation, after which they shut down the engines and disembarked the passengers.

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PROBABLE CAUSE

- The Aircraft Accident Investigation and Inquiry Board determined that the probable cause of this accident was the damaged was due to the application of brakes and excessive differential pressure on the left side to slow the aircraft on taxi.
- The pilots seem to have lost situational awareness and that they had miscalculated their brake application that caused the left main landing gear tire to explode.

SAFETY RECOMMENDATIONS

As a result of this investigation, the Aircraft Accident Investigation and Inquiry Board made the following safety recommendations:

- That new tires be installed on the aircraft and undergo maintenance check on the left landing gear and properly released back to service.
- Review of company procedures on how to possibly preclude another untoward incident of this nature.
- To determine the tire history and status.