

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

BASIC INFORMATION

Aircraft Registration No,	:	RP-C654
Make and Model	:	Cessna 172M
Owner / Operator	:	Arnel U. Miguel
Address of Operator	:	Pasay City ALPAP Bldg. Andrews Avenue
Date / Time of Accident	:	February 17, 2008 o/a 830 UTC
Type of Operation	:	Flight Training
Phase of Operation	:	Simulated Forced Landing
Type of Occurrence	:	Engine malfunction
Place of Accident	:	Hermana Mayor, Zambales

EXECUTIVE SUMMARY

The flight was a training flight from Subic International Airport with Captain Jendel E. Mapile, the Flight Instructor and student pilot Mahesh Raj Pandey and Panickar Kiran as observer (unauthorized). The flight departed from Subic at 0545 UTC February 17, 2008 and arrived at Iba at 0645 UTC and did some touch and go. The flight left Iba for Hermana Menor at 0800 UTC and arrived over Menor at 0820 UTC from 2500 feet descended to 100 feet and made a simulated forced landing. During the descent the Flight Instructor pulled out the carburetor heat and retarded the power to idle and the students glided towards the island. At 100 feet the Flight Instructor took over the controls and flew over the air strip with normal power setting air speed. A go-round was made and a climb out. At about 200 feet the engine indicated roughness and power was failing. The Flight Instructor attempted to add power but to no avail, an attempt to fly back to airstrip was made until the aircraft ditched and one of the students drown (Panickar Kiran). The flight instructor and Pandey were rescued by the fishermen at the area.

PROBABLE CAUSE

The probable cause of the accident is due to the improper application of the carburetor heat before power was put to idle during the descent to 100 feet.

SAFETY RECOMMENDATIONS

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

- It is hereby recommended that the flight instructor must undergo 10 hours flight training with emphasis on emergency and proper use of carburetor heat.
- A check list on the Cessna 172 must be published to guide pilot instructors and students in the proper operation of the aircraft.

- The school must conduct a seminar on Crew Resource Management (CRM), safety and Flight Instructor's responsibility.