

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

BASIC INFORMATION

Aircraft Registration No.	:	RP-C1939
Make and Model	:	Cessna 172-M
Owner / Operator	:	Ace Pilot Aviation Academy Inc.
Date / Time of Accident	:	October 9, 2011 / 3:35PM
Type of Operation	:	Approved Training Organization/Instructional
Phase of Operation	:	Landing
Type of Occurrence	:	Hard landing
Place of Accident	:	Subic Bay International Airport

EXECUTIVE SUMMARY

On October 9, 2011, RP-C1939, a Cessna 172M type of aircraft owned and operated by Ace Pilot Aviation Academy, at around 2:00pm the said aircraft took-off to conduct a series of touch and go. Around 3:15PM the pilot requested to fly overhead the station for air works maneuvers. The weather started deteriorating; the pilot requested the control tower to join the right down leg of runway 25 for an immediate landing approach. The aircraft landed hard and bounced. During the landing roll the aircraft became uncontrolled and swerved to the left side of runway 25 and rested to the left edge grassy portion of the runway. There was no injury to the flight crew.

PROBABLE CAUSE

The Aircraft Accident Investigation and Inquiry Board determined that the probable cause of this accident was due to human error. The pilot had a very poor landing precision skills and judgment. The Pilot's reaction was too slow to correct the situation as he approached too fast and too high towards runway 25 on a short rectangular pattern. The pilot failed to establish the correct parameters for a normal landing. The pilot should maintain the runway centerline alignment, correct speed settings and correct glide path, in order to achieved precision landing. As a result the aircraft experienced a very hard touched down and damaged the aircraft.

SAFETY RECOMMENDATIONS

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

- The Pilot-in-Command (PIC) shall undergo an intensive Commercial Pilot Ground Refresher course and flight training with emphasis on precision landing.
- After the Engine Tear-down inspection a thorough airworthiness inspection on the aircraft must be performed to further determine the condition of the engine before release to service.