

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

BASIC INFORMATION

Aircraft Registration No.	:	RP-C2706
Make and Model	:	Cessna - 172K
Owner / Operator	:	Topflite Airways, Inc.
Address of Operator	:	Lot No. 20 General Aviation Area, MCIAA Lapu-Lapu City
Date / Time of Accident	:	January 27, 2008 o/a 5:45 P.M.
Type of Operation	:	Charter, 135 Operations
Phase of Operation	:	Cruising flight
Type of Occurrence	:	Ditching
Place of Accident	:	Mactan Island, Cebu

EXECUTIVE SUMMARY

Last 27 January 2008, on or about 0545 UTC, Capt. Takeshi Ishida with 2 passengers on board RP-C 2706 departed Mactan Cebu International Airport for Bohol, the flight was for sightseeing of the famous Chocolate Hills, as the aircraft was heading back to Mactan on or about 0620 UTC the pilot felt sudden engine vibrations, after a few seconds the engine stop, this made the pilot to decide to ditch into the fish pond. After touching nose down first because of muddy surface, then the aircraft turned upside down position. The pilot and passengers were able to get out of the aircraft without injury. They called the company to sent rescue operations.

PROBABLE CAUSE

The probable cause of the incident is due to Material Failure of broken connecting rod bolt on cylinder # 3 that cause the separation of connecting rod from the crankshaft journal.

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 mechanic in-charge must inspect and properly monitor the aircraft engine in accordance with the engine service manual and applicable Airworthiness Directives, to avoid similar incident.

- The maintenance program of the aircraft especially the engine must be strictly revised and proper monitoring for every component that may cause engine failure.