

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

**BASIC INFORMATION**

Aircraft Registration No.	:	RP-C1322
Make and Model	:	Cessna 172
Owner/Operator	:	Mr. Rene Mapua
Date/Time of Incident	:	March 12, 2010 / 0628 UTC
Type of Operation	:	General Aviation
Phase of Operation	:	Taxi
Type of Occurrence	:	Jet blast
Place of Incident	:	Runway 13 Extension

**EXECUTIVE SUMMARY**

On March 12, 2010 at 0300 UTC the Cessna Pilot was interviewed at AAIIB Office by two (2) members of the Board.

As per the account of pilot of RP-C1322, he was cleared to cross extension of Runway 13 and take the inner taxiway to proceed to the General Aviation Area. As he taxied of Cessna 172, an Airbus 320 (FLT5J805) was on take-off roll on 13 and subsequently its jet blast hit the Cessna. Aircraft Jet Blast tilted it to the right, its wing tip scraped the ramp and its propeller hit the pavement.

**PROBABLE CAUSE**

- The Aircraft Accident Investigation and Inquiry Board determined that the probable cause of this accident was Cessna Pilot's ignorance about wake turbulence and Jet Blast.
- Ramp Controller's failure to advise Pilot of RP-C1322 to exercise caution before crossing Runway 13.
- Airbus taking off before the designated third arrow from the threshold markings.

## **SAFETY RECOMMENDATIONS**

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

- To conduct seminar to general aviation pilots who are still ignorant about jet blast and wake turbulence.
- Ramp control should only give instructions to aircraft on the ramp for parking and not to give taxi instructions.
- Ground control should be responsible for ground maneuvering of aircraft on taxi ways. Runway crossing of extensions must be with tower permission.
- MOA between Manila International Airport Authority (MIAA) and Air Transportation Office (ATO) dated 6 April 2006 must be reviewed to conform with the NEW ATS Operations Manual (regulation 7.7) Control of Aerodrome Traffic.

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