



# Civil Aeronautics Administration

## Aviation Safety Bulletin

ASB No: 101-048/O

May 16, 2012

### **Subject :**

**Air Traffic Control (ATC) was unable to provide timely assistance because the flight crew did not declare distress or urgency IAW relevant regulations when an aircraft operated by a national carrier encountered an engine failure recently.**

### **Background :**

According to the emergency procedures contained in Chapter 9 of Air Traffic Management Procedures (ATMP) published by CAA, the flight crew shall use the radiotelephony distress signal MAYDAY and urgency signal PANPAN in a timely manner when encountering distress or urgency respectively so as to receive priority assistance and guidance from ATC to ensure flight safety.

### **Recommendation :**

In order to ensure flight safety, the following items shall be conveyed and reiterated to all flight crew by all aircraft operators:

1. All flight crew shall abide by the requirements of CAA's ATMP, International Civil Aviation Organization (ICAO) Convention Annex 10 and FAA Aeronautical Information Manual by using MAYDAY to declare distress and PANPAN to indicate urgency respectively when experiencing abnormal situations so as to receive priority assistance and guidance from ATC.
2. All aircraft operators shall follow the requirements contained in Attachment 5 "Helicopter Performance and Operating Limitations" and Attachment 6 "Airplane Performance Operating Limitations" of 07-02A "Aircraft Flight Operation Regulations" and by taking into consideration the terrains around the airport and the aircraft capability in over passing the obstacles to develop flight procedures for dealing with engine failure during takeoff and go-around; request all flight crew to follow such procedures; and such procedures shall be included in the annual proficiency check for flight crew.
3. As the typhoon weather is coming, frequently marked with thunderstorm and unsteady variation in wind direction and speed, all aircraft operators shall adhere to the requirements contained in Attachment 3 "Flight Rules for Operations under Adverse Weather" of 07-02A.