



GOVERNMENT OF INDIA
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION

AIR SAFETY CIRCULAR 03 OF 2017

AV.15011/02/ASC/2016-AS

Dated: 10th Oct, 2017

Subject: Adverse Weather Operations

Adverse weather is an integral part of flight operations. Adverse weather prevails in one part of an operator's network or another at different times of the year. The period of adverse weather is reckoned by actual and forecast weather conditions at an aerodrome (departure, destination and alternate) that could result in degradation of takeoff and landing surfaces due to rain, snow, sleet and other contaminants associated with wet and cold weather.

Adverse weather related phenomenon can pose serious hazard to the safety of operations. This is to remind all the operators/service providers that special efforts are required for preventive measures during the period to avoid any incident and safety hazard. Few of the precautions to be taken are reiterated below:

1. Bird activities:

During the period, the bird activities is likely to increase. Therefore, there is urgent need to take proactive preventive measures in this regard.

- AEMC meetings should be convened to discuss and review the implementation of the measures to reduce bird hazard near airport.
- Grass be trimmed and insecticide sprayed.
- Runway be frequently inspected for bird activities and bird shooters be deployed.
- Regular garbage disposal in the operational area may be carried out and water concentration needs to be avoided.
- Entry of stray animals to operational area be checked.
- Action be taken for cleaner environment around airport in association with the Municipal Authorities.

2. ATC and Aerodrome facilities:

- Runway/Apron markings should be redone before monsoon if found faded.
- Surface condition of runway and manoeuvring area should be monitored regularly and any concentration of water should be informed to the pilots.

- Adequate runway friction coefficient to be maintained in view of safety of aircraft operations.
- The drainage system at airports should be checked and maintained in serviceable condition during the period.
- Steps should be taken to ensure that navigational/communication facilities remain serviceable during the period.
- ATCO should ensure that latest weather reports are transmitted to the aircraft.

3. Airline Operators:

- As high winds are regular phenomenon during this period, necessary preventive action like putting chocks on both sides of the wheels (minimum six in number) be ensured. Wherever practicable (wheel temperature permitting) parking brakes be kept 'ON' during storm warning.
- Tyres/Brakes system should be meticulously maintained.
- Fuel system be regularly checked for water contamination during every refuelling and night check.
- All ground vehicles, step ladders and baggage trolleys should be kept in serviceable condition and parked away from the aircraft manoeuvring area. Whenever these equipments are in use these should be properly locked and not left unattended.

The above instructions should be reiterated to all concerned and procedure to deal with storm warning be prominently displayed in various departments.

This Circular supersedes Air Safety Circular Monsoon Circular 2007.

Sd/-
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For Director General of Civil Aviation