



CIVIL AVIATION AUTHORITY OF NEPAL

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Flight Safety Standards Department
Circular No. 10

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Cha No. 115

To,
Operations Department,

Air Dynasty Heli Service, Sinamangal
Fishtail Air Pvt. Ltd., Tinkune
Simrik Air Pvt. Ltd., Tinkune
Mountain Helicopters Pvt. Ltd. Sinamangal
Shree Airlines Pvt. Ltd, Tripureswor
Manang Air Pvt. Ltd., Sinamangal
Prabhu Helicopter Pvt. Ltd., Sinamangal

Subject: Helicopter Operations in Monsoon

This Circular is issued by the approval of Director General of Civil Aviation Authority of Nepal under the provision made on Rule 82 of CAAN, Civil Aviation Regulation, 2058.

1. Introduction

Operating in marginal VMC or IMC in mountainous terrain is one of the landing causes of helicopter accidents in Nepal. In most of these accidents helicopter entered into the bad weather and failed to take timely action either to divert or to land immediately at suitable nearest place. VFR pilots in reduced visual conditions may develop spatial disorientation and lose control, or descend to an unsafe altitude while trying to maintain visual contact with the surface. The result is often a CFIT accident when the pilot tries to continue flying or maneuvering beneath a lowering ceiling and hits an obstacle or terrain.

Some of these accidents occurred when the pilot were focused in completing the mission despite of encountering the bad weather while operating rescue flight. In these accidents, it was found that safety of passengers was often neglected and operator failed to control this type of behavior associated with helicopter operations. This kind of gross negligence is not acceptable for the sake of safety of passenger and aircraft.

2. Purpose

The Purpose of this Circular is to reduce the risk of helicopter accidents during monsoon by ensuring the compliance of provision relating to the VFR flight as stated in Chapter 4 of Civil Aviation Requirement -2 (Rules of the Air).

3. Responsibility of Flight Crew

3.1 The PIC shall ensure strict compliance of weather minima as specified in CAR 2 Chapter 4.

3.2 PIC shall take proper weather briefing about the destination and enroute using all available means while operating in monsoon season.

3.3 The PIC Shall not continue the flight if VFR is not possible due bad weather.

3.4 The PIC shall land at suitable landing spot and wait for weather improvement to continue the flight.

3.5 The PIC shall always be cautious about the weather phenomenon of hilly areas and sudden downdraft or updraft due to turbulence and shall maintain adequate height margins from the terrain.

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3.6 The PIC Shall ensure that sufficient fuel is carried on board the aircraft considering weather deviation, diversion and possible holding during monsoon.

3.7 PIC shall withstand any kind of pressure to undertake flight operations and make sound GO/NO GO decisions.

4. Responsibility of Airline Operations Director

4.1 Operations Director shall move vigilant about every flight mission and flying behavior of flight crew during monsoon season.

4.2 Operations Director shall supervise the operations personnel responsible for aircraft operations strictly follow the regulatory requirements relating to the monsoon operations.

4.3 Operations Director shall develop special precautionary measures to be taken in monsoon by all concerned personnel involved in helicopter operations.

4.4 Operations Director shall strictly maintain operations control as specified in Operations Manual.

5. Responsibility of Flight Dispatcher

5.1 Flight Dispatcher shall carry out thorough planning of each flight and brief to the PIC.

5.2 Flight Dispatcher shall gather every necessary information pertaining to the proposed flight and brief to the PIC.

5.3 Flight Dispatcher shall advise the PIC if any adverse situation prevails for the safe operation of propose flight.

5.4 Flight Dispatcher shall report to the operations Director if he/she finds any unusual situation that may impair the safety of proposed flight.

6. Responsibility of Accountable Manager

Accountable Manager shall focus extra attention and maintain effective supervision of overall aircraft operations activities especially during monsoon.

7. Action for Non Compliance

Non compliance of above instructions shall be considered as the serious breach of Safety provisions, which may lead to following actions in accordance with Rule 6 and Rule 40 of CAAN, Civil Aviation Regulation, depending upon the severity of negligence or violation.

- Suspension or revocation of flight crew license.
- Suspension or revocation of license of personnel responsible for operations control
- Suspension or revocation of Air Operator Certificate.

All Helicopter operators are hereby directed to strictly adhere to the above instructions for ensuring the safe aircraft operations.

Sangam Karki
Dy. Manager

Flight safety Standards Department

C.C.

Deputy Director General (DDG), 2sir for your kind information
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