



9th October 2026

ASSURING SAFE AIRCRAFT OPERATIONS DURING HAZE CONDITIONS

1 Introduction

- 1.1 This Advisory Information is issued to enhance situational awareness among airline operators, flight crews, ground handling agencies, and air navigation service providers regarding haze conditions and to outline recommended operational precautions.

2 Current Environmental & Operational Status

- 2.1 **Air Pollutant Index (API) Status:** As of 9 October 2026, environmental monitoring stations across Malaysia reported air quality at (UNHEALTHY) levels.

2.2 **Operational Impact:**

As of the date of issuance, aircraft arrival and departure operations at Malaysian aerodromes are reported to be continuing without significant disruption. However, haze conditions may affect flight operations depending on prevailing meteorological conditions, visibility, Runway Visual Range (RVR), where applicable, and the operating limitations of individual aerodromes and aircraft operators.

2.2.1 Potential operational impacts include:

- a) **Reduced Visibility:** Deterioration in prevailing visibility or RVR may affect approach, landing, take-off and aircraft ground movement operations.
- b) **Approach and Landing Operations:** Reduced visibility may require greater reliance on instrument approach procedures and may result in missed approaches, diversions or delays where applicable operating minima cannot be met.
- c) **Air Traffic Management:** Reduced visibility and precautionary traffic management measures may result in increased approach spacing, airborne holding, delays and additional fuel requirements.
- d) **Flight Crew and Ground Personnel:** Exposure to haze may affect the health and well-being of flight crew members and ground personnel. Appropriate health precautions and operational risk assessments should be implemented where necessary.



- 2.3 Air operators shall ensure that flight operations comply with applicable regulatory requirements, published aerodrome operating minima, applicable instrument approach procedures and operator-approved minima. Operators should continuously assess prevailing conditions and implement appropriate operational precautions to maintain safety.

3 Regulatory Operational Framework

- 3.1 Flight operations at all Airports adhere strictly to **published Aerodrome Operational Minima (AOM)**, published Instrument Approach Procedures (IAP), and operator-approved minima.

4 Precautionary Operational Measures for Airlines & Flight Crews

4.1 Flight Planning & Fuel Contingencies:

- a) Air operators, flight dispatchers and flight crews should consider the potential effects of haze when planning flights, including the possibility of increased approach spacing, airborne holding, missed approaches, diversions and additional fuel requirements.
- b) Flight crews should ensure that the planned fuel load and applicable fuel reserves remain adequate for the intended operation, taking into account prevailing conditions and the availability of suitable alternate aerodromes.

4.2 In-Flight & Approach Awareness:

- a) Flight crews shall closely monitor METAR, TAF, and real-time RVR reports prior to commencing approach procedures.
- b) Instrument flying discipline must be strictly maintained, ensuring positive visual identification of runway environment elements prior to descending below published Decision Altitude/Height (DA/H) or Minimum Descent Altitude/Height (MDA/H).

4.3 Enhanced Airfield Lighting & Air Traffic Control (ATC) Measures:

- a) Airfield lighting, including runway and approach light systems, may be illuminated during daytime hours to assist flight crews with visual acquisition of the runway environment.
- b) ATC may apply precautionary increased separation buffers between arriving and departing aircraft if ambient clarity diminishes.



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5 Ground Personnel & Ramp Safety Recommendations

- 5.1 Airline ground handlers, engineers, and ramp personnel operating in open airfield areas shall observe the following health and occupational safety measures during periods of Unhealthy API:
- a) **Air Quality Monitoring:** Frequently check official API updates.
 - b) **Outdoor Activity Management:** Reduce non-essential heavy outdoor labour on the ramp where practical.
 - c) **Respiratory Protection:** Wear appropriate protective gear, such as well-fitting N95 masks, during outdoor ramp duties.
 - d) **Hydration & Rest Breaks:** Maintain adequate fluid intake and schedule periodic rest breaks in air-conditioned indoor spaces.
 - e) **Health Reporting:** Monitor for symptoms such as respiratory irritation or coughing, and report health concerns promptly.

6 Enquiries

- 6.1 All enquiries regarding flight crew licensing or operational directives contained in this Advisory Information should be directed to the Flight Operations Directorate, Civil Aviation Authority of Malaysia.



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for Civil Aviation Authority of Malaysia
9 October 2026