

SAFETY INFORMATION 02/2025

13th February 2025



ENHANCING RADIOTELEPHONY TECHNIQUES AND IMPROVING AIR TRAFFIC COMMUNICATION

1 Purpose

- 1.1 This Safety Information (SI) aims at highlighting the importance of proper radiotelephony (RT) techniques and remind all pilots operating within the Kuala Lumpur Flight Information Region (FIR) to strictly adhere to standard RT procedures when communicating with Air Traffic Control (ATC).
- 1.2 This becomes particularly significant during the Trial Implementation of Simultaneous Independent Parallel Departure on Triple Runway Operation at Kuala Lumpur International Airport (KLIA). For detailed information on the trial procedures, please refer to [Aeronautical Information Publication \(AIP\) Supplement 03/2025](#).

2 Background

- 2.1 Simultaneous Independent Parallel Departure is an advanced air traffic control procedure aimed at optimising airport operations by enabling multiple aircraft to depart concurrently from parallel runways. This method enhances both operational capacity and efficiency.
- 2.2 At KLIA, this procedure will be implemented across its three parallel runways: RWY 32R, RWY 32L, and RWY 33.
- 2.3 The coordinated use of these runways aims to enhance safety standards, increase departure capacity, and improve overall operational efficiency, particularly during peak traffic periods when demand for departures is at its highest.

3 Effective Communication During Departure

- 3.1 With simultaneous departures occurring from three parallel runways, the likelihood of RT congestion increases significantly. This heightened traffic poses risks of overlapping transmissions, potentially disrupting communication clarity and efficiency.

- 3.2 Overlapping or simultaneous transmissions can block critical ATC communications, leading to interference such as buzzing or squealing sounds, which could hinder situational awareness and jeopardise operational safety.
- 3.3 To ensure clear and effective communication:
- a) Monitor Before Transmitting – Pilots must actively monitor the Lumpur Departure frequency after switching from Lumpur Tower to ensure the frequency is clear before transmitting any messages;
 - b) Avoid Unnecessary Communication – Use standard RT phraseology and avoid non-essential transmissions to reduce frequency congestion and prevent confusion;
 - c) Focus on Conciseness – Keep all communications brief, precise, and unambiguous to minimise the risk of overlapping transmissions or misinterpretation.
- 3.4 Adherence to these practices significantly reduces the risk of communication issues and ensures seamless coordination between ATC and pilots.

4 Conclusion

- 4.1 These guidelines align with the standards and international best practices outlined in ICAO Doc 9432 – Manual of Radiotelephony. An efficient, clear, and concise communication, reduces the risk of miscommunication and plays a vital role in ensuring safe and effective management of air traffic across Malaysian airspace.
- 4.2 The Civil Aviation Authority of Malaysia (CAAM) remains steadfast in its commitment to uphold the highest level of safety standards and urges all stakeholders to adhere to the guidance outlined.



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