

► This RA has been substantially re-written; for clarity, no change marks are presented - please read RA in entirety ◀

RA 2360 - Portable Electronic Devices

Rationale

Portable electronic devices (PED) are items of electrically powered equipment of a size that enables them to be portable. PED may constitute a hazard to Air System safety by means of electro-magnetic interference or battery pack fire. Consequently, carriage and operation of PED within UK military Air Systems needs to be controlled.

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Regulation 2360(1)

Portable Electronic Devices

2360(1) Aviation Duty Holders (ADH) and Accountable Managers (Military Flying) (AM(MF)) **shall** publish orders for the carriage and operation of PED in or near crewed Aircraft, Remotely Piloted Aircraft or Remote Pilot Stations within their Area of Responsibility (AoR).

Acceptable Means of Compliance 2360(1)

Portable Electronic Devices

Operation of Intentionally Transmitting PED

1. ADH and AM(MF) **should** ensure that all PED that are known, or suspected, to intentionally transmit radio frequencies are switched off for the entire duration of the flight, including start and shut down periods. This does not apply to intentionally transmitting PED that have been specifically cleared for use in the Release To Service (RTS)¹ or Military Permit to Fly (MPTF).

Operation of Unintentionally Transmitting PED

2. All other PED may be classed as unintentionally transmitting. ADH and AM(MF) **should** ensure that unintentionally transmitting PED are not used in the following phases of flight (as a minimum): taxi, take-off, approach, landing, fuelling and arming operations, during mission critical stages and during abnormal or emergency conditions. This does not apply to unintentionally transmitting PED that have been specifically cleared for use in the RTS¹ or MPTF.

Battery Pack Fire

3. ADH and AM(MF) **should** detail in orders, procedures for preventing or containing PED battery pack fires for all Air Systems within their AoR.

Guidance Material 2360(1)

Portable Electronic Devices

Intentionally Transmitting PED

4. Examples of intentionally transmitting PED include, but are not limited to two-way radios, mobile phones of any type, satellite phones, tablets, smart watches or other devices with WiFi or Bluetooth capability.

Unintentionally Transmitting PED

5. Examples of unintentionally transmitting PED include, but are not limited to:

- a. Calculators, cameras, radio receivers, audio and video players, electronic games and toys, when these devices are not equipped with a transmitting function.
- b. Mobile phones, tablets, smart watches or other devices in 'Flight Mode' with WiFi and Bluetooth disabled.

¹ Refer to 1300 Series: Release To Service.

**Guidance
Material
2360(1)****Negligible Transmitting PED**

6. Some unintentionally transmitting PED, eg implanted medical devices or permitted medical equipment are of sufficiently low power that they may be regarded as negligible transmitters and therefore not subject to these restrictions. In cases where it is impossible or unreasonable to request the device be switched off for critical phases of flight, and where doubt exists about whether a device constitutes 'negligible' power status, advice may be sought from the appropriate Type Airworthiness Authority (TAA)².

Battery Pack Fire

7. Further information is available in International Air Transport Association Dangerous Goods Regulations Sect 2.3.5.9 and Table 2.3A in respect of PED containing lithium batteries.

² Where the Air System is Civilian-Owned, ownership of regulatory responsibility by either the TAA or Type Airworthiness Manager (TAM) needs to be agreed within the Sponsor's approved model for Type Airworthiness (TAW) management; refer to RA 1162 – Air Safety Governance Arrangements for Civilian Operated (Development) and (In-Service) Air Systems, or refer to RA 1163 – Air Safety Governance Arrangements for Special Case Flying Air Systems. Dependant on the agreed delegation of TAW responsibilities TAM may be read in place of TAA as appropriate throughout this RA.