



The European Organisation for Civil Aviation Equipment
L'Organisation Européenne pour l'Équipement de l'Aviation Civile

GUIDANCE FOR THE USE OF PORTABLE ELECTRONICS DEVICES (PEDS) ON BOARD AIRCRAFT

CHANGE 1

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ED-130A Change 1

April 2019

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FOREWORD

1. This document was prepared jointly by EUROCAE Working Group 99 “Portable Electronic Devices” and RTCA SC-234 “Portable Electronic Devices”, and was approved by the Council of EUROCAE on 1 April 2019.
2. EUROCAE is an international non-profit making organisation in Europe. Membership is open to manufacturers and users of equipment for aeronautics, trade associations, national civil aviation administrations, and, under certain conditions, non-European organisations. Its work programme is principally directed to the preparation of performance specifications and guidance documents for civil aviation equipment, for adoption and use at European and world-wide levels.
3. The findings of EUROCAE are resolved after discussion amongst Members of EUROCAE and in collaboration with RTCA Inc, Washington D.C., and/or the Society of Automotive Engineers (SAE), Warrendale PA, U.S.A., through their appropriate committees.
4. This document updates ED-130A “Guidance for the Use of Portable Electronics Devices (PEDs) On Board Aircraft” (December 2016).
5. This document is technically identical to RTCA DO-363 Change 1.
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CHANGE 1 TO ED-130A

Change 1 to ED-130A "Guidance for the Use of Portable Electronics Devices (PEDs) On Board Aircraft", aims at improving the interpretation of paragraph 6.2.2 covering low powered technologies.

Page 43, section 6.2.2, list item 1, replace the title and entire paragraph with the following text:

Change section 6.2.2 list item 1 to the following text:

1. Power Transmitters

Experience shows that low-power emission levels do not affect aircraft systems. The low-power limit is 100mW EIRP (effective isotropic radiated power). Wireless communication standards which that are limited to this level do not need to be analyzed for backdoor coupling. This includes Bluetooth (IEEE 802.15.1) and ZigBee (IEEE 802.15.4). Other devices include radio microphones, on-site paging devices, wireless audio applications and radio hearing aids are typically low power technologies.

[...]

The rest of the section remains unchanged.

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☐ Documentation error (Format, punctuation, spelling)

☐ Content error

☐ Enhancement or refinement

Rationale (Describe the error or justification for enhancement): _____

Proposed change (Attach marked-up text or proposed rewrite): _____

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