

United Kingdom
Civil Aviation Authority

AIR NAVIGATION ORDER
AIRCRAFT EQUIPMENT APPROVAL

UK Civil Aviation Authority

CAA APPROVAL FOR LIGHT AIRCRAFT RADIO CLASS 3
APPROVAL NUMBER: LA301076

Pursuant to the Air Navigation Order for the time being in force and subject to the Conditions annexed hereto, the UK Civil Aviation Authority hereby approves:

Equipment Category : Electronic Conspicuity Devices
Master Type Description : Electronic Conspicuity Devices as defined in CAP 1391 Chapter 6.1
Master Type/Model Number : Only those Electronic Conspicuity Devices that are accepted in accordance with CAP 1391 Chapter 6.22 to 6.25 inclusive

<u>Approval Date</u>	<u>Type</u>	<u>Part No</u>	<u>DDP</u>	<u>Issue</u>
02/08/2016	(see Conditions)	Equipment shall be considered to be approved under this Approval, subject to the stated Limitations, if the manufacturer provides evidence of compliance with the Conditions (below)	N/A	: N/A

- Conditions
1. The Electronic Conspicuity (EC) Device shall meet CAP 1391 Chapter 6, Technical specification requirements and Annex A, Acceptable Means of Compliance. In particular, the EC Device:
 - shall, as a minimum, transmit Airborne Position, Aircraft Identification and Category and Aircraft Operational Status messages as detailed in CAP 1391 Chapter 6.15. Any additional messages shall conform to the appropriate sections of RTCA DO-260B/ EUROCAE ED-102A (§2.2.3.2).
 - shall comply in full with the requirements specification detailed in CAP 1391 Chapter 6.28 to 6.30 inclusive and Tables 3 and 4.
 - shall be subject to appropriate tests as detailed in CAP 1391 Chapter 6.35 and Table 8.
 - the EC Device operating manual shall comply with CAP 1391 Chapter 6.36.
 2. The radio equipment shall have a maximum RF peak output power at the antenna terminals not exceeding 16 dBW (40W).

- Remarks
1. The Navigation Accuracy Category for Position (NAC_P) may be reported in accordance with CAP 1391 Chapter 6.30 and Table 5.
 2. Recommendations for all portable EC devices are detailed in CAP 1391 Chapter 6.31 and Table 6.
 3. Recommended considerations for EC device receivers, traffic displays and alerting functions are detailed in CAP 1391 Chapter 6.32 and Table 7.

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CONTINUATION SHEET



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Limitations

1. This Approval is valid only for EC Devices, for which a Declaration of Capability and Conformance (DoCC) has been submitted by the manufacturer and accepted by the CAA in accordance with CAP 1391 Chapter 6.22 to 6.25 inclusive.
2. EC devices must not be used to fulfil any requirement where the carriage of a transponder is required.
3. This Approval covers the use of EC Devices within the UK only.
4. EC Devices shall not be used within Class A, Class B or Class C airspace.
5. The approval of the installation any EC Device accessory to an aircraft, such as charger, power source, mounting device or antennas, shall be completed under the existing regulations applicable to the aircraft.
6. EC Devices are not approved for use in any commercial air transport aircraft.

This Approval shall remain in force unless suspended, revoked or varied.

A handwritten signature in blue ink is written over a horizontal line. To the right of the signature is a circular blue seal with the text "CIVIL AVIATION AUTHORITY" around the perimeter and a small star at the bottom.

for the Civil Aviation Authority.

Date: 06/09/2016