

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 : LA301075

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	:	VHF Communications		
<u>Master Type Description</u>	:	Handheld Radios with 8.33kHz Channel Spacing Capability		
<u>Master Type/Model Number</u>	:	ETSI Standard EN300 676-1		
<u>Approval Date</u>	<u>Type</u>	<u>Part No</u>	<u>DDP</u>	<u>Issue</u>
26/11/2013	(see Conditions)		N/A	N/A

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) in 8.33 kHz channel spacing mode.

- Conditions
1. The radio equipment shall meet the following clauses of ETSI Standard EN300 676-1
 - 7.2 Frequency Error
 - 7.3 Carrier Power
 - 7.4.1 Amplitude Modulation Depth
 - 7.4.3 Amplitude Modulation Distortion
 - 7.4.4.3 Audio Frequency Response
 - 7.5 Adjacent Channel Power
 - 7.7 Conducted Spurious Emissions
 - 8.1 Sensitivity
 - 8.2 Harmonic Distortion
 - 8.3 Audio Frequency Response
 - 8.4 Audio Noise
 - 8.6 Adjacent Channel Rejection
 - 8.7 Spurious Response Rejection
 - 8.9 Blocking or Desensitisation
 - 8.10 Conducted Spurious Emissions
 - 8.12 Cross Modulation Rejection
 - 8.13 Receiver Dynamic Range
 2. The radio equipment shall have a minimum transmitter carrier output power of 1.5W as measured at the antenna port.
- Remarks
1. Qualification for 'Sidetone' i.a.w. ETSI Standard EN300 676-1 clause 7.11 is recommended.



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CONTINUATION SHEET



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Limitations

1. This Approval is valid only for the basic radio equipment required to achieve the VHF communications function (when handheld). The approval of the installation of the radio or accessories, such as chargers, shall be completed under the existing regulations applicable to the aircraft.
2. This Approval is valid for use on UK-registered non-EASA aircraft only.
3. This Approval is valid for use within the UK only.
4. This Approval is not valid for use in operation within Class A, Class B or Class C airspace.

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

A handwritten signature in black ink, followed by a circular stamp of the Civil Aviation Authority. The stamp contains the text 'CIVIL AVIATION AUTHORITY' around the perimeter and a small star in the center.

for the Civil Aviation Authority.

Date: 26/11/2013