

WIRELESS TELEGRAPHY ACT 2006

Aeronautical Station (Air/Ground, Aerodrome Flight Information Service and Tower) Radio Licence

LICENSEE DETAILS AND VALIDITY

Product Number	470806
Service Type	A/G
Licence number	51043
Callsign / Identifier	AINTREE RADIO
Licensee	Rotary Wing Limited
Licensee address	109 Gilda Road, Worsley, Manchester M28 1BP
Date of issue	24/Feb/2020
Licence start date	01/Apr/2020
Fee payment date	04/Apr/2020

This licence is issued by the Office of Communications ("Ofcom") on 24/Feb/2020 and replaces any previous authority granted by Ofcom or the Secretary of State in respect of the service subject to this licence.

This licence authorises Rotary Wing Limited ("the Licensee") to establish, install and/or use radio transmitting and/or receiving stations and/or radio apparatus ("the Radio Equipment") as described in this Licence subject to the terms set out below. Where the station is providing a service approved under the Air Navigation Order ("ANO"), the use of the station shall be in accordance with a valid ANO Approval granted in respect of the station. The use of the station for test and commissioning transmissions is permitted with the prior agreement of the CAA Safety and Airspace Regulation Group.

Issued by Ofcom.

SCHEDULE 1

1. Licence Term

This licence shall continue in force until revoked by Ofcom or surrendered by the Licensee.

2. Licence Variation and Revocation

Ofcom may exercise their power to vary or revoke this licence by a written notice served on the Licensee or by a general notice applicable to holders of this class of Licence.

3. Changes

This Licence may not be transferred.

The Licensee must give to Ofcom prior or immediate notice in writing of any change in the details of the name and/or address recorded above.

4. Fees

The Licensee shall pay to Ofcom the relevant fee as provided in section 12 of the Wireless Telegraphy Act 2006 and the Regulations made thereunder:

- (a) on or before the date of issue of this Licence, and/or
- (b) on or before the fee payment date shown above each year; or
- (c) on or before such dates as shall be notified in writing to the Licensee, failing which Ofcom may revoke this Licence.

5. Notes

The Licensee must ensure that the Radio Equipment is constructed and used only in accordance with the conditions set out below. Any proposal to amend any detail specified in this licence must be agreed with Ofcom in advance and implemented only after this licence has been varied and/or reissued accordingly.

The Licensee must ensure that the Radio Equipment is used only by persons who have been authorised by the Licensee to do so and that such persons are made aware of, and of the requirements to comply with, the terms of this Licence.

Power is expressed in:

- (i) Peak Envelope Power (PX or pX) of a radio transmitter: the average power supplied to the antenna transmission line by a transmitter during one radio frequency cycle at the crest of the modulation envelope taken under normal operating conditions.
- (ii) Mean Power (PY or pY) of a radio transmitter: the average power supplied to the transmission line by a transmitter during an interval of time sufficiently long compared with the lowest frequency encountered in the modulation taken under normal operating conditions.
- (iii) Carrier Power (PZ or pZ) of a radio transmitter: the average power supplied to the antenna transmission line by a transmitter during one radio frequency cycle taken under the condition of no modulation.
- (iv) Effective Radiated Power (in a given direction) by the addition of the letter "e": The product of the power supplied to the antenna and its gain relative to a half wave dipole antenna in a given direction.

For use in formulae, the symbol p denotes power expressed in Watts and symbol P denotes power expressed in decibels relative to a reference level. The symbol e denotes effective radiated power (erp) (in a given direction). The product of the power supplied to the antenna and its gain relative to a half-wave dipole in a given direction

The symbols used to designate the classes of emission have the meanings assigned to them by the Radio Regulations. The Radio Regulations means the 2008 edition of the Radio Regulations and its subsequent amendments.

6. Access and Inspection

The Licensee shall permit representatives of Ofcom or the CAA authorised by Ofcom:

- (a) to have access to the Radio Equipment; and
- (b) to inspect this Licence and the Radio Equipment,

at any and all times or, when in the opinion of that person an urgent situation exists, at any time to ensure that the Radio Equipment is being used in accordance with the terms of this Licence

7. Modification, Restriction and Closedown

A person authorised by Ofcom may require the Radio Equipment, or any part thereof, to be modified or restricted in use, or temporarily or permanently closed down immediately if in the opinion of the person authorised by Ofcom:

- (a) a breach of this Licence has occurred; and/or
- (b) the use of the Radio Equipment is causing or contributing to undue interference to the use of other authorised radio equipment.

Ofcom may require the Radio Equipment to be modified or restricted in use, or temporarily or permanently closed down either immediately or on the expiry of such period as may be specified:

- (a) in the interests of long term spectrum planning; or
- (b) in the event of a national or local state of emergency being declared.

Ofcom shall exercise their power by a written notice served on the Licensee and/or by a general notice applicable to this class of Licence published on Ofcom's website (www.ofcom.org.uk).

8. Interpretation

In this licence:

- (a) the Wireless Telegraphy Act means the Wireless Telegraphy Act 2006;

- (b) the establishment, installation and use of the Radio Equipment shall be interpreted as establishment and use of stations and installation and use of apparatus for wireless telegraphy as specified in section 8 of the Wireless Telegraphy Act;
- (c) “undue interference” shall have the same meaning as it has under the Wireless Telegraphy Act 2006;
- (d) “inspect” includes examine and test;
- (e) the schedule(s) form(s) part of this Licence with any subsequent schedule(s) which Ofcom may issue as a variation to this Licence at a later date; and
- (f) the Interpretation Act 1978 shall apply to the Licence as it applies to an Act of Parliament.

9. Radio Equipment

The Radio Equipment is subject to the Radio Equipment Directive (Directive 2014/53/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available of radio equipment on the market (known as the Radio Equipment Directive). Where this licence authorises the use of equipment operating on the emergency frequency (121.5 MHz), the auxiliary frequency for search and rescue operations (123.1 MHz) or the airport fire service frequency (121.6 MHz), the equipment may operate 25 kHz channel spacing on these frequencies.

SCHEDULE 2

DETAILS OF AUTHORISED TRANSMITTER(S):

Frequency/ies (MHz)	132.9
Channel spacing (kHz)	8.33 kHz
Class of emission	5K00A3EJN
Antenna characteristics	Omni Directional Antenna
Maximum power (Watts erp)	5 WpZe

For Broadcast and Circular DOCs, only one authorised transmitter location is shown.

For Area/polygonal DOCs, the location of each authorised transmitter serving the polygon is shown.

Location	Latitude	Longitude	Location	Latitude	Longitude
AINTREE	53N2828	002W5617			
RACECOURSE					

DOC/AREA POLYGON DETAILS

This information is supplied solely for the purpose of calculating fees

DOC type:	Height	Broadcast and Circular DOCs only
Area, Broadcast or Circular	Hundreds of feet	DOC radius (nautical miles)
Circular	30	10