

## **AIR NAVIGATION ORDER 2016, ARTICLE 205**

### **AIR GROUND COMMUNICATION SERVICES EQUIPMENT APPROVAL**

The Civil Aviation Authority in exercise of its powers under Article 205 of the Air Navigation Order 2016 hereby approves the establishment and operation by:

**ROTARYWING LTD**  
Company No. 03444788

At the Special Event

**GRAND NATIONAL**

On the

7th April 2022 to 9th April 2022

of the

Air Ground Communication Service RTF Aeronautical Radio Station

as specified in the Schedule to this Approval for the purpose of providing an Air Ground Communication Service using the equipment and frequency(ies) of emission and all other characteristics specified respectively in the said Schedule; and the specification of the said equipment is hereby approved in relation to that purpose.

This Approval is effective from 0001hrs on the 7<sup>th</sup> April 2022 until 2359hrs on the 9<sup>th</sup> April 2022 unless revoked, varied, or suspended.

Date: 11<sup>th</sup> January 2022



**Scott Paton**  
For the Civil Aviation Authority



CIVIL AVIATION AUTHORITY  
SAFETY REGULATION GROUP

**AIR NAVIGATION ORDER 2016, ARTICLE 205****APPROVAL SCHEDULE****ROTARYWING LTD****SITE, EQUIPMENT & SERVICE DEFINITION**

<b>LOCATION</b>		Aintree Racecourse Ormskirk Road Aintree L9 5AS 53°28'28" N 002°56'17 W		
<b>TYPE OF FACILITY</b>		Air Ground Communications Service (AGCS)		
<b>DATES OF VALIDITY</b>	<b>FREQUENCIES OF EMISSION</b>	<b>SERVICE</b>	<b>CALL-SIGN</b>	<b>DESIGNATED OPERATIONAL COVERAGE</b>
07/04/22 – 09/04/22	121.17500 MHz ± 0.0001% (8.33 Channel 121.180)	A/G	Aintree Radio	10NM / 3000 ft
<b>CLASS OF EMISSION</b>		5K00A3EJN		
<b>EQUIPMENT MANUFACTURERS &amp; MODELS</b>		2x ICOM IC-A24E (Mains & Standby) 1x Yaesu FTA-250L (Emergency)		
<b>POWER SUPPLY ARRANGEMENTS</b>		Mains and batteries		
<b>ANTENNA CHARACTERISTICS</b>		Omni Directional Vertically Polarised		
<b>POWER OUTPUT</b>		Not to exceed 10W effective radiated power (pZe)		

**APPROVAL CONDITIONS**

1.	Pilots must be informed that they may not communicate with this aeronautical radio station when outside the Designated Operational Coverage (DOC) of this station.
2.	This approval is valid for the special event 'Grand National' at Aintree Racecourse, and is effective from 0001hrs on the 7th April 2022 until 2359hrs on the 9th April 2022 unless revoked, varied or suspended.
3.	The services and frequencies described on this Approval Certificate may not be used for the provision or support of commentary or public address.
4.	All technical and operating characteristics not detailed in this schedule must at all times comply with the standards specified in the prevailing edition of Annex 10 to the Convention of International Civil Aviation published by the International Civil Aviation Organisation (ICAO).
5.	Reference documents: ITU Radio Regulations, ICAO Annexes, all CAPs (in particular CAP 403, CAP 670, CAP 452, CAP 413 and CAP 032).

## NOTES TO AIR NAVIGATION ORDER 2016, ARTICLE 205 APPROVALS

<b>1.</b>	<p>Aeronautical Radio Stations may not be established or used except under the authority of a Wireless Telegraphy (WT) Act Licence issued by the Office of Communications (Ofcom). If you have any queries with respect to your WT Act Licence, please contact Ofcom directly:</p> <p>Ofcom – Spectrum Licensing PO Box 1285 Warrington WA1 9GL 3131</p> <p style="text-align: right;">Website: <a href="http://www.ofcom.org.uk">www.ofcom.org.uk</a> Email: <a href="mailto:spectrum.licensing@ofcom.org.uk">spectrum.licensing@ofcom.org.uk</a> Telephone No: 0300 123 1000 / +44 (0) 207 981 3131</p>
<b>2.</b>	<p>Whilst every effort is made to avoid changing the frequencies once assigned, it is nevertheless sometimes necessary to do so as dictated by frequency planning requirements.</p>
<b>3.</b>	<p>Strict radio operating discipline must be maintained, and operators must hold the appropriate qualification as follows:</p> <ul style="list-style-type: none"> <li>(i) An Air Traffic Control Service can only be provided by an organisation or person approved to do so in accordance with the Air Navigation Order 2016 Article 180 and then only by the holder of a valid and appropriately endorsed Air Traffic Control Officer's licence issued in accordance with Commission Regulation (EU) 2015/340.</li> <li>(ii) A Flight Information Service may only be provided by a person holding a validated Flight Information Service Officer's licence (CA1745) issued by the Civil Aviation Authority.</li> <li>(iii) Air Ground Communication services and services provided by a Clearance Delivery Officer are not Air Traffic Services, but may only be provided by a person holding a Radio Operator's Certificate of Competence (CA1308) issued by the Civil Aviation Authority and authorised by the Wireless Telegraphy Act licence holder.</li> </ul> <p>For OPC Services the WT Act Licence holder is responsible for ensuring appropriate training and RTF behaviour is maintained.</p> <p>Enquiries regarding operator qualifications should be directed to the CAA Shared Services Centre Licensing, Safety and Airspace Regulation Group, Aviation House, Gatwick Airport, West Sussex, RH6 0YR. Telephone No. 01293-573700.</p>
<b>4.</b>	<p>Any approval necessary to erect an aerial/mast must be sought from the appropriate planning authority.</p>
<b>5.</b>	<p>This Approval is not transferable.</p>