Directorate of Airspace Policy

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Customer No.
Licence No.
Call Sign.

03/Feb/2012

Dear Licensee

WT Act Aeronautical Radio Licence

Following your recent application or renewal of an Aeronautical Radio licence, please find enclosed –

- Your licence document, which contains the terms and conditions that apply to the operation of the radio station. Please check the document carefully to ensure the licence meets the operating requirements. Should this not be the case or you have any queries or concerns, you should contact the Radio Licensing Section of the Directorate of Airspace Policy within 28 days of the date of this letter at the address shown.

It is a condition of the WT Act licence that, where the station is subject to an approval under the Air Navigation Order ("ANO"), the use of the station must comply with a valid ANO approval. This includes any changes that you make to the station. However, pending receipt of the ANO approval, the licence permits you to undertake commissioning testing with the prior agreement of the CAA.

Please always quote your Customer Number and or Licence Number when contacting us.

Your licence is an important document. Please keep it - and any subsequent documents - in a safe place for future reference.

Yours sincerely

Radio Licensing

Civil Aviation Authority
CAA House K6 G4 45-59 Kingsway London WC2B 6TE www.caa.co.uk
Telephone 020 7453 6555 Fax 020 7453 6556 E-mail radio.licensing@caa.co.uk

WIRELESS TELEGRAPHY ACT 2006

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

1) Licensee Details and Validity:

Product Number	**470806**
Service Type	**[A/G] [AFIS] [TWR]**
Licence number	
Callsign / Identifier	
Licensee	
Licensee address	
Date of issue	
Licence start date	
Fee payment date	

This licence is issued by the Office of Communications ("Ofcom") on [XX XXXX XXX] 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 XXXXXX XXXXX XXX ("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 Regulation Group.

Location	Lat and long	Max power (Watts erp)

2) Terms

Licence Term

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

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.

Changes

This Licence may not be transferred.

The Licensee must give to the Directorate of Airspace Policy, acting on behalf of Ofcom prior or immediate notice in writing of any change in the details of the name and/or address recorded above.

Fees

The Licensee shall pay to Ofcom the relevant fee as provided in section 12 of the Wireless Telegraphy Act 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.

The following information is solely provided for the purpose for fee calculation

	Area services only	**Broadcast and Circular DOCs only**	
DOC type: (area, broadcast, circular)	Coordinates describing Area (lat/long)	DOC height (feet)	DOC radius (nautical miles)

Radio Equipment Use

Frequency:
Channel Spacing [8.33 kHz] [25 kHz] [50 kHz]
Class of Emission: **6K80A3EJN**
Aerial Characteristics: **Omni Directional Antenna**

Notes

The Licensee must ensure that the Radio Equipment is constructed and used only in accordance with the parameters set out below. Any proposal to amend any detail specified in this licence must be agreed with the Civil Aviation Authority (CAA) or 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 1982 edition of the Radio Regulations and its subsequent amendments.

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.

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).

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;

(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.

Radio Equipment

The Radio Equipment subject to the Radio Equipment and Telecommunications Terminal Equipment Directive (1999/5 EC) shall comply with the applicable UK Aeronautical Interface Requirements (published by Ofcom).

Issued by the Directorate of Airspace Policy of the CAA acting as agent to Ofcom.