

EC Declaration of Conformity /
EC Declaration of Suitability for Use for Constituents

Name and address of manufacturer :	Constituent / application area
Becker Avionics GmbH Baden Airpark, Building B108 77836 Rheinmünster Germany	GT6201-05-R Remote controlled VHF-Transceiver, communication system for ground-to-air communication
System classification:	Remote controlled communication system for ground-to-air communication

Part 1: General information about the constituent in accordance with Regulation (EC) 552/2004, Annex III

1.1 Regulation Reference Number

Basic requirements in accordance with

- Regulation (EC) No. 552/2004 Part A and Part B, subchapter 1 and 4.
- Implementing Regulation (EC) No. 1079/2012
- Directive 1999/5/EC

1.2 Manufacturer information

Becker Avionics GmbH, Baden Airpark, Building B108, 77836 Rheinmünster, Germany.

1.3 Description of the constituents

The Transceiver Becker GT6201-05-R is a remote controlled mobile VHF-Transceiver station for air traffic management.

Frequency Range :	118.000 – 136.9916 MHz	Channel spacing :	8.33 kHz/25 kHz
Transm. Power Output :	≥ 6 W	Frequency stability :	≤ 1 ppm
Supply Voltage. :	11 VDC – 30.3 VDC	Weight :	610 g (without mounting)
Temperature Range:	-20 °C - +55 °C	Dimensions W x D x H :	61 x 188 x 61 mm ³ (including mounting devices)

More detailed technical data about the transceiver itself and his physical interfaces as well as the limits of operation are given by the Installation and Operation Manual.

1.4 Description of the procedure followed in order to declare the system's conformity or suitability for use

Conformity is stated and has been verified in accordance with decision 768/2008/EC Annex II, Module A1.

1.5 Relevant regulations

- **ETSI EN300 676-1 V1.5.2** : Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation Part 1: Technical characteristics and methods of measurement
- **ETSI EN300 676-2 V1.5.1** : Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation Part 2 : Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
- **EN 62311:2008** : Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)
- **DIN EN 60950-1:2006 + A11:2009 + A12:2011 + A1:2010** : Information Technology Equipment – Safety
- **EN 301 489-1 V1.9.2** : Electromagnetic compatibility and radio spectrum matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1 : Common technical requirements

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- **EN 301 489-22 V1.3.1** : Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 22 : Specific conditions for ground based VHF aeronautical mobile and fixed radio equipment
- **SSB FL 004** : Schnittstellenbeschreibung für Bodenfunkstellen des mobilen Flugfunkdienstes
- **ICAO Annex 10** to the Convention on International Civil Aviation, Volume III and Volume IV

1.6 Notified body

CETECOM ICT Services GmbH, Untertürkheimer Strasse 6 – 10, 66117 Saarbrücken, Deutschland

1.7 References to the community specifications

The device complies with the regulations and directives :

- **Regulation (EC) No. 552/2004 Part A and Part B, subchapter 1 and 4.**
Regulation on the interoperability of the European Air Traffic Management network.
- **Implementing Regulation (EC) No. 1079/2012**
Laying down requirements for voice channels spacing for the single European sky.
- **Directive 1999/5/EC**
Directive on radio equipment and telecommunicationsterminal equipment and the mutual recognition of their conformity.
- **Regulation (EC) No. 550/2004**
Regulations on the provision of air navigation services in the single European sky.

1.8 Information about the authorized signatures

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Part 2: Declaration:

Becker Avionics GmbH, 77836 Rheinmünster declares herewith that above mentioned constituents

- *have been assessed in terms of compliance with the above mentioned standards and the compliance has been ascertained;*
- *have been considered in terms of its suitability within the environment of air traffic management and have been classified as suitable.*

Place of issue, Date

*Rheinmünster
September 26th, 2016*

**1st Signature
On behalf**

Jürgen Schiller

**2nd Signature :
On behalf**

Ingo Pletschen