

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

<b>Name and address of manufacturer :</b>	<b>Constituent / application area</b>
Becker Avionics GmbH Baden Airpark, Building B108 77836 Rheinmünster Germany	GT6201-10-R Remote controlled VHF-Transceiver, communication system for ground-to-air communication
<b>System classification:</b>	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 2014/53/EU

**1.2 Manufacturer information**

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

**1.3 Description of the constituents**

The Transceiver Becker GT6201-10-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 :	≥ 10 W @ ≥ 24 VDC	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 <sup>3</sup> (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.
- **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 024** : 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 2014/53/EU**  
Radio Equipment Directive (RED)
- **Regulation (EC) No. 550/2004**  
Regulation 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 18<sup>th</sup>, 2017

1<sup>st</sup> Signature  
 On behalf :

Dipl.- Ing. Jürgen Schiller

2<sup>nd</sup> Signature :

On behalf  
 (in representation Peter Fritz)

Dr.- Ing. Ingo Pletschen