

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	GT6201-10 VHF-Transceiver, communication system for ground-to-air communication
System classification:	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	
<i>Basic requirements in accordance with</i> <ul style="list-style-type: none"> 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	
<i>Becker Avionics GmbH, Baden Airpark, Building B108, 77836 Rheinmünster, Germany.</i>	
1.3 Description of the constituents	
<i>The Transceiver Becker GT6201-10 is a mobile VHF-Transceiver station for air traffic management.</i>	
<i>Frequency Range :</i> 118.000 – 136.9916 MHz	<i>Channel spacing :</i> 8.33 kHz/25 kHz
<i>Transm. Power Output : ≥ 10 W @ ≥ 24 VDC</i>	<i>Frequency stability :</i> ≤ 1 ppm
<i>Supply Voltage. :</i> 11 VDC – 30.3 VDC	<i>Weight :</i> 645 g
<i>Temperature Range:</i> -20 °C - +55 °C	<i>Dimensions W x D x H : 61.2 x 168.4 x 61.2 mm³</i> <i>(Front plate till end of antenna connector)</i>
<i>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.</i>	
1.4 Description of the procedure followed in order to declare the system's conformity or suitability for use	
<i>Conformity is stated and has been verified in accordance with decision 768/2008/EC Annex II, Module A1.</i>	
1.5 Relevant regulations	
<ul style="list-style-type: none"> 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 	

- **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**
Regulation on the provision of air navigation services in the single European sky

1.8 Information about the authorized signatures

1.) *Dipl.- Ing. Jürgen Schiller, QA-Manager*

Address :

*Becker Avionics GmbH
 Baden Airpark, Building B108
 77836 Rheinmünster, Germany
 Tel.: 07229/305-202
 e-mail : juergen.schiller@becker-avionics.de*

2.) *Dr. Ingo Pletschen, Product Manager*

Address :

*Becker Avionics GmbH
 Baden Airpark, Building B108
 77836 Rheinmünster, Germany
 Tel.: 07229/305-104
 e-mail : ingo.pletschen@becker-avionics.de*

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

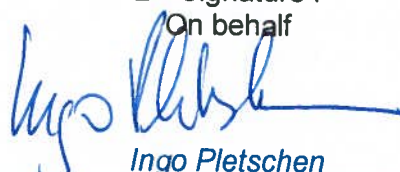
*Rheinmünster
 September 26th, 2016*

1st Signature
 On behalf



Jürgen Schiller

2nd Signature :
 On behalf



Ingo Pletschen