



Aviation Forum 2020

16 November 2020

## TÜV SÜD: Adding value for the aviation industry

**Munich. TÜV SÜD will participate in the 10th Aviation Forum, presenting extensive services in fields including additive manufacturing (AM), certification, environmental and non-destructive testing (NDT). In addition to the above, AM expert Gregor Reischle will present his talk, “Digital part approval of 3D-printed components enabled by advanced manufacturing solutions”, in the Tech Talks of the conference programme. Due to the COVID-19 pandemic, the international exhibition and conference for the aviation industry will be held exclusively in virtual format from 17 to 18 November.**

In its function as an independent testing and certification organisation, TÜV SÜD supports the aerospace industry in ensuring the highest quality, safety and security standards throughout their operations – from machinery and production processes to the security of buildings, infrastructure and data centres. Supplying product testing and certification of quality management systems, TÜV SÜD enables aerospace companies to gain global market access for their products. As one of the leading providers of quality management training and qualification, TÜV SÜD also enhances the capabilities of manufacturers’ most important resource, their employees. TÜV SÜD’s highly secure cloud storage solutions and cybersecurity services reduce risks and inspire trust in institutions and businesses worldwide.

### **Safe and reliable 3D printing for the aerospace industry**

“Investments in future innovations are key for the aerospace industry in overcoming the challenges of this crisis”, says Gregor Reischle, Head of Additive Manufacturing (AM) at TÜV SÜD Product Service. Such innovations include AM methods, which have reached industrial quality-management maturity. TÜV SÜD assists manufacturers by providing advisory services along the entire AM process and support with supplier qualification. Offering reliable and reproducible product quality, 3D printing is also an important step in the aerospace sector, enabling design and development costs to be reduced and advancing economic and ecological transformation. “The in-depth approach of TÜV SÜD’s AM certification scheme makes all the difference, saving costs in the approval procedure”, explains Reischle.

## Quality management certification and sustainability

TÜV SÜD also offers operational quality management certification in accordance with the EN 9100 series of international standards for the aerospace industry. Beyond that, TÜV SÜD offers certification for information security management systems in accordance with ISO 27001, which is an indispensable factor in qualification for the aerospace supply chain. For the testing and certification of products and systems – such as environmental testing in accordance with RTCA DO-160 and EMF/EMC tests – TÜV SÜD maintains locations in the UK, Europe and the USA as well as a new, cutting-edge NADCAP-certified testing laboratory in Volpiano (Italy). At these locations, TÜV SÜD experts can perform destructive and non-destructive testing (NDT) of products, such as batteries and fuel cells, AM parts and raw materials.

Further services include assessments in fields such as Industry 4.0 and occupational health and safety as well as risk assessments in line with the German Regulation on Health and Safety in the Use of Work Equipment (BetrSichV) and sustainability certification.

## TÜV SÜD talk

- “Digital part approval of 3D printed components enabled by advanced manufacturing solutions”  
Gregor Reischle, Head of Additive Manufacturing, on 17 November at 2:30 pm (online)

## About Aviation Forum

The organisers of the Aviation Forum 2020 are expecting around 1,000 decision-makers and experts from the aviation industry, who will meet virtually to discuss future developments and challenges. Attendees include OEMs, manufacturers and suppliers at all tier levels, political decision-makers and thought leaders from Germany, Europe and worldwide. The Aviation Forum is known for its high level of internationality and C-level decision-makers. <https://www.aviationforumhamburg.com/>

More detailed information about TÜV SÜD's services in the aerospace sector can be found at:

<https://www.tuvsud.com/en/-/media/global/pdf-files/brochures-and-infosheets/aerospace/tuv-sud-aerospace-brochure.pdf>

## Media Relations:

Dirk Moser-Delarami TÜV SÜD AG Corporate Communications Westendstr. 199, 80686 Munich, Germany	Tel. +49 (0) 89 / 57 91 – 15 92 Fax +49 (0) 89 / 57 91 – 22 69 Email <a href="mailto:dirk.moser-delarami@tuvsud.com">dirk.moser-delarami@tuvsud.com</a> Internet <a href="http://www.tuvsud.com">www.tuvsud.com</a>
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Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. More than 24,000 employees work at over 1.000 locations in about 50 countries to continually improve technology, systems and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving and renewable energy safe and reliable. [www.tuvsud.com](http://www.tuvsud.com)