



## SUCCESSFUL 48-MONTH CHECK ON A CHALLENGER 605 - DC AVIATION GROUP

News / Business aviation, Maintenance / Trainings



DC Aviation Maintenance team at Stuttgart Airport has successfully completed a 48-month check on a Challenger 605. The comprehensive maintenance work included a full cabin refurbishment using the latest materials and painting work. In addition, an extended upgrade of the Proline 21 avionics system was implemented. This includes the installation of ADS-B (Automatic Dependent Surveillance-Broadcast). This air traffic control system for displaying aircraft movements in airspace has been mandatory in the USA and the UAE since 1 January 2020. This system enables the aircraft's route to be tracked, as it determines its exact flight position via satellite navigation and periodically broadcasts it. The upgrade also includes the implementation of the TOSE (Take-Off Safety Enhancement) system.

Jürgen Sehne, Vice President Maintenance & CAMO of DC Aviation said: "Our maintenance team expertly completed the complex work to the highest levels of reliability and safety. Through intelligent planning, we are able to ensure smooth workflows and meet tight ground times".

DC Aviation offers line and base maintenance services for a wide range of aircraft types in a specially equipped 5,000 square meter hangar at Stuttgart Airport (EDDS) and a 12,500 square meter approved maintenance facility at Al Maktoum International Airport (OMDW) in Dubai. DC Aviation maintains a large parts inventory and special tools for specific aircraft, a battery and

wheel shop, testing equipment and a maintenance logistics centre. Unconventional repairs and modifications can also be completed on an efficient and flexible basis, taking into account a customer's flight requirements. DC Aviation's comprehensive CAMO approval fulfils all EASA requirements for maintenance and airworthiness certification. These and other measures form a solid base for the sustainable preservation of the value and maximum availability of every maintained aircraft.



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