



System and Structures Engineer

Location

LGG, Liege Airport
(Belgium)

About Challenge Airlines (BE)

Challenge Airlines (BE) S.A. is a new airline based in Liege Airport (LGG) with a Belgian AOC. The airline operates daily scheduled cargo flights and charter services carrying nonstandard goods and general cargo internationally. Challenge Airlines (BE) is part of a Global airline group that carries approximately 400,000 tons of cargo annually. The Group is in rapid growth and is looking for great & talented people with possibility to within evolve the company.

Employment Type

Full-time
Possibility of home working
(2 days per week)

Contact

recruitment@challenge-group.com

Do not forget to mention the description of the job in your mail object.

Your application will be treated with confidentiality.

Website

www.challenge-airlines.be



Job purpose

The Systems and Structures Engineer is responsible for the systems and structure engineering activities on Challenge Group aircraft. She/he focuses on providing Engineering support and expertise to the Group's Technical Operations organization. The Systems and Structures Engineer oversees specialized aircraft, and component repairs, modifications, and troubleshooting accomplished on the fleet related to her/his assigned domain of expertise.

Your responsibilities

- ✎ Review damages, repairs, alterations, and associated maintenance requirements. Provide engineering assistance to MCC and Part 145 organization(s) to maintain operational integrity and compliance with approved ICAs & regulations.
- ✎ Maintain an accurate damage chart, and associated substantiation file, with external/internal repairs and allowable damages applicable to each aircraft.
- ✎ Follow aircraft configuration ensure commonality in the Challenge Group aircraft.
- ✎ Review OEM recommendations (e.g. SB, SIL, FTD, etc.) for feasibility & effectiveness and provide the Group with advice on implementation.
- ✎ Based on operational and other requirement, support the incorporation of STCs and minor modification on the fleet.
- ✎ Provide input into preventative maintenance procedures and reliability improvements in the interest of safety, cost reduction, and fleet maintenance improvements.
- ✎ Utilize technical expertise and practical experience to resolve complex technical issues and provide engineering support to MCC and Part-145 organizations in AOG situations, to minimize unplanned ground time
- ✎ Analyse Airworthiness Directives and mandatory requirements. Develop a compliance plan to ensure alignment with mandatory requirements.
- ✎ Request approval for any deviations from Instructions for Continued Airworthiness (e.g. repair deviation, AMOC, etc.) from the OEM or regulator as applicable
- ✎ Interact with OEMs, vendors, local authorities, and design or maintenance organizations on industry issues and trends.
- ✎ Provide continuous improvement proposals to increase aircraft reliability, safety standards and working processes
- ✎ Support ad-hoc projects (e.g. aircraft phase-in and phase-out).

Your profile

- ✎ Bachelor or Master's degree in Engineering.
- ✎ 3-5 years in a similar engineering position, with a minimum of 5-10 years of experience in aviation.
- ✎ Solid knowledge of EASA & FAA regulations, in particular regulations relating to Part-CAMO, Part-21 and Part-145.
- ✎ Experience with Boeing 747, 767 or 777 cargo aircraft is an advantage, but not a requirement
- ✎ Good team player, flexible, autonomous, and proactive.
- ✎ Good communication skills and analytical abilities, rigorous and well organized
- ✎ Experience with Microsoft Office tools
- ✎ Experience with aviation maintenance software, Swiss-AS AMOS is an advantage
- ✎ Fluent English required

What we offer

- ✎ An attractive salary package in line with your experience including extra-legal benefits (meal vouchers, health insurance, ...)
- ✎ A dynamic work environment where there are opportunities to evolve
- ✎ A permanent contract