

Job description Structures Engineer

Organisation	Challenge Airlines BE
Reports to	Engineering Manager
Location	Liège – Belgium
Position Code	CHG25
Job Purpose	The Structures Engineer is responsible for the structure engineering activities on Challenge Group aircraft. She/he focuses on providing Engineering support and expertise to the Group's Technical Operations organization. The Structures Engineer oversees specialized aircraft, and component repairs, modifications, and troubleshooting accomplished on the fleet related to her/his assigned domain of expertise.
Responsibilities	<ul style="list-style-type: none"> • Review damages, repairs, alterations, and associated maintenance requirements. • Maintain an accurate damage chart, and associated substantiation file, with external/internal repairs and allowable damages applicable to each 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).

Job Requirements	
Education	Bachelor or Master's degree in Engineering
Experience, Skills, and Personal Attributes	<ul style="list-style-type: none"> • 3 years in a similar engineering position, with a minimum of 5 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.