

Charlie Jenkins, CEng

Lead Systems Safety Engineer | Chartered Engineer | Mentor

Bristol, UK | +44 7754 250194 | charlie@djenkins.uk | linkedin.com/in/cdjen

Profile

Chartered Engineer with extensive expertise in aviation systems safety, functional safety, and reliability.

Safety signatory for ATA32 and W&TF across Airbus Aircraft. Responsible for delivering high impact safety cases, managing risk, and coordinating international teams. Strong command of PRA, CMA, IHA, and safety regulatory frameworks including ARP4761, ARP4754A, and CS25. Recognised for clear decision-making under pressure, stakeholder leadership, and mentoring future talent. Background includes thousands of hours of hands-on aircraft maintenance experience, offering practical insight to complement technical depth. Though deeply rooted in aerospace, I can bring a systems thinking approach applicable to rail, maritime, and other high-integrity domains.

Key Skills

- Systems Safety Engineering: PRA, CMA, IHA, FHA, FTA, FMEA, SSA, pSSA.
- Regulatory Compliance: ARP4761, ARP4754A, CS25, W&TF Particular Risk
- Tools: Reliability Workbench, Python, MATLAB, CATIA V5, VBA
- Leadership: Safety Signatory (ATA32 and W&TF), cross-functional teams, stakeholder engagement, doing the right thing no matter what
- Delivery: Agile project management, risk strategy, regulatory interface (EASA)

Experience

Lead Systems Safety Engineer

Airbus, Filton (Bristol) | Apr 2022 - Present

- Act as Safety Signatory for ATA32 across Airbus platforms including A350, A380, A330, and A340.
- Deliver full safety lifecycle documents including FHA, FTA, PRA, CMA, SSA. Particularly strong on functional elements.
- Represent UK Safety in global multi-site reviews and regulatory discussions. Routinely engage with Chief Engineers, Flight Safety, and EASA.
- Drive updates to internal safety methodologies and processes in line with evolving regulation and feedback.
- Mentor junior engineers and coordinate deliverables for a team of 10+, ensuring alignment across subcontractors and internal stakeholders.

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Lead Landing Gear Engineer

- Airbus, Filton (Bristol) | October 2019 - April 2022
- Owned safety and reliability responsibilities for A350 & A380 landing gear.
- Led incident investigations, test campaigns, and flight test support. Delivered certification and in-service reporting package.
- Served as on-call ATA32 engineer and signatory for AOG and operational events.

Graduate Engineer

Airbus, Multiple EU Locations | Sep 2017 - Oct 2019

- Rotated through safety, reliability, and operability engineering roles across Hamburg, Toulouse, Filton, and Chester.
- Developed and implemented model-based safety techniques.
- Contributed to early system design for next-generation landing gear and safety-critical systems.

Supply Chain & Quality Engineer

Cornelius Electronics, Port Talbot | Nov 2016 - Aug 2017

- Managed global supplier compliance, documentation, and contract performance.
- Led resolution of technical non-conformances and optimised logistics for JIT delivery.

Education

MSc Aircraft Maintenance Systems (Merit) - University of South Wales, Cardiff | 2015 - 2016 (RAE sponsorship)

BSc Aircraft Maintenance Engineering (First Class Honours) - University of South Wales, Cardiff | 2012 - 2015

Additional

Languages: English (Fluent), Welsh (Conversational), German (Elementary)

Values: Integrity, Inclusion, Empathy, Accountability, Technical Excellence

References: Available on request