

Built from failure. Designed for resilience. Engineered for growth.

OA Engineering & Innovations Ltd
Co. No. 16058846 | oaei.co.uk

WHO WE ARE

OA Engineering & Innovations is a specialist technical delivery consultancy serving the global aerospace and defence supply chain. We embed Chartered Engineers directly into programmes under pressure, providing rapid, accountable delivery without the overhead of permanent headcount. Our team holds direct programme experience across major civil aerospace, defence, and government programmes in the UK, and we operate across UK, US, and Middle East markets.

CEng Chartered Engineers	48 HRS Max Deployment Time	£100M+ Programme Experience	3 Markets Served
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SERVICE LINES

01 Programme Recovery & Delivery Leadership

For programmes behind schedule, over budget, or losing stakeholder confidence. We embed experienced programme leaders who stabilise delivery, restore a credible plan, and exit cleanly.

02 Systems Engineering Support

Requirements management, MBSE, interface control, and safety case support. Experienced with DOORS, SysML, and major SE frameworks across civil and defence programmes.

03 IPT Leadership & Integration

Multi-disciplinary team management and milestone ownership for aerostructures, systems, and sub-assembly programmes. We chair technical reviews and drive decisions to closure.

04 Certification & Airworthiness Support

Technical support for airworthiness submissions and compliance evidence. Experienced across EASA, CAA, MAA, and FAA-adjacent requirements.

05 Engineering Operations Recovery

Identifying and resolving root causes of delivery inefficiency: technical debt, process gaps, tooling issues. Restoring throughput on programmes under sustained pressure.

06 Embedded Technical Resource

Flexible, bounded work package execution for Tier 1 and Tier 2 suppliers. We scope the work, agree the boundary, and deliver to it. No open-ended retainers.

07 AI & Smart Systems Consulting

Practical AI and IoT implementation for aerospace and defence applications. TinyML, edge devices, automated reporting, and structural health monitoring workflows.

TECHNICAL CREDENTIALS

Chartered Engineers | 48-hour deployment | MBSE | DOORS | SysML | EASA | CAA | MAA | FAA-adjacent | Tier 1 & Tier 2 experience

KEY PROGRAMMES

<p>Boeing 777-8F / 777-9 GE Aerospace / Boeing Commercial</p> <p>Hardware programme management on the 777X Freighter and 777-9 programmes. Delivery leadership, supplier recovery, engineering governance, and budget management across complex hardware work packages.</p>	<p>F-35B Lightning II Defence / Rolls-Royce Supply Chain</p> <p>Supply chain programme management supporting military aerospace components for the F-35 programme. Supplier throughput improvement, delivery predictability, and structured governance frameworks.</p>
<p>Airbus A350 - Integrated Control Casing Rolls-Royce / SiG / GKN</p> <p>Supply chain recovery for the flight-critical A350 ICC structure. High-precision manufacturing compliance, stakeholder management across Rolls-Royce and GKN, and delivery stabilisation under programme pressure.</p>	<p>Vertical Aerospace VX1 eVTOL Vertical Aerospace, Bristol</p> <p>IPT leadership and airframe architecture for the UK's first eVTOL prototype. Fuselage, canopy, and cockpit integration across 30+ engineers. 30% build timeline reduction. £660k+ cost savings delivered.</p>
<p>Airbus Wing of Tomorrow Airbus UK</p> <p>Work package leadership for trailing edge, Z-cover, lower cover, and root joint structures. Budget ownership (EUR 2-3M/yr), 12-person team leadership, subcontracting and procurement oversight.</p>	<p>Hunter AFV Suspension System Horstman Defence Systems</p> <p>£55M+ defence programme. 5,000+ units delivered across 60 suppliers with 95-100% on-time delivery. 18% lead time reduction. Defect rate held below 2% across multi-year delivery.</p>

SECTORS WE SERVE

- Civil Aerospace	- Defence & Military Systems	- Space & Launch	- UAV & Advanced Air Mobility
- Aerostructures & Manufacturing	- MRO & In-Service Support	- Defence Electronics	- Smart Systems & AIoT

ENGAGEMENT MODEL

<p>01 Initial Consultation 30-min qualification call, then 90-min scoping session</p>	<p>02 Rapid Assessment Scope of work proposed within 48 hours</p>	<p>03 Deployment Embedded, accountable, reporting from day one</p>	<p>04 Delivery & Exit Clean handover, no dependency</p>
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WHY OAEI

<p>Chartered Engineers, not generalists Every engagement is led by a qualified CEng. You get the person who has done it.</p>	<p>Embedded delivery, not advisory reports We work inside your programme. You get outputs, not PowerPoint decks.</p>
<p>48-hour deployment, not a 4-week onboarding When programmes are under pressure, every day costs money and credibility.</p>	<p>Fixed scope, fixed accountability You always know what you are getting and who is responsible. No ambiguity.</p>

SUPPLIER REGISTRATIONS

JOSCAR / Hellios	Registration in progress
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CONTACT

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