

BECAUSE  
EVERY SECOND  
COUNTS



**CAUSEWAY**  
AERO GROUP

ENGINEERING | STRUCTURES | INTERIORS



# CAUSEWAY

AERO GROUP



Causeway Aero is a turnkey cabin interiors and airframe structures solution provider. With their supply chain management and procurement capability, backed up with a state-of-the-art ERP and management tools, the company provides a true Tier 2 capability, reducing the risk and management of multiple individual providers.

## CAUSEWAY OFFERS

- Full End to End Product Development
- Strategic/Tactical Offload
- Build to Print
- Product Enhancement
- Weight/Cost Reduction
- Design to Manufacture
- Testing
- Certification

Causeway Aero has a **20,000 sq ft Production Facility and a 5,000 sq ft Engineering, Development and Prototyping Facility in Lisburn, Northern Ireland.** Combined with their proven supply chain excellence in **Northern Ireland**, the wider **whole Irish network** and our unique alignment with Industry, Academia and Government locally, **we make it happen.**

## MISSION

To provide a cost effective, quality solution, on time, every time.

## VISION

To be the best value Tier 2 Aero Integrator Solutions Provider in Europe, with a proven track record of top quality, best total cost and on time delivery, every time.

## VALUES

- Quality
- Respect and Trust
- Responsibility
- Safety
- Stakeholder Success

**ONE CONTRACT ONE CONTACT | TRULY AGILE**



# AERO ENGINEERING

Causeway Aero's investment in engineering puts design and development at the core of their business. Causeway's engineering team provide a highly agile end-to-end Engineering Solution with Design, Stress, Certification and Tech Pubs in-house. Their ability to add value at all levels across design and manufacture ensures product support through development and into service.

New investment in R&D, systems, processes and software keeps Causeway Aero at the leading edge of design and the continuous development of the team and engagement with customers' engineers means Causeway can successfully deliver quality, cost effective solutions on time.

## DESIGN

- 3D Modelling
- Surfacing
- Detailing
- Installations and Assemblies
- DFM
- Integration
- Checking
- Scanning and Reverse Engineering
- Electrical Systems Routing

## STRESS

- Static – linear / Non – linear
- Fatigue & Damage Tolerance
- Dynamic – Shock and Vibration, Impact, Normal Modes
- Composites
- Repair Solutions
- Reverse Engineering
- Plastics / Materials
- Test Design / Support & Witnessing
- FEA – incl micro / macro materials, optimisation, thermal



## AERO STRUCTURES



Causeway Aero has extensive engineering capability and has invested heavily in both people and systems, in order to successfully develop and deliver major structures solutions.

The company can deliver **machinings, sheet metal, composites, plastics, paint** and **treatments** at a **component level or full assembly level** through their agile and extensive, best value supply chain and advanced ERP Systems (Infor) which operate under AS9100 Rev D.



Skilled fitters, technicians and programme managers ensure compliance to requirements and airworthiness standards at all times.

Causeway Aero's **services extend into other sectors** including the rail (mass transit) industry, utilising their expertise and light weight technology to provide an innovative solution.

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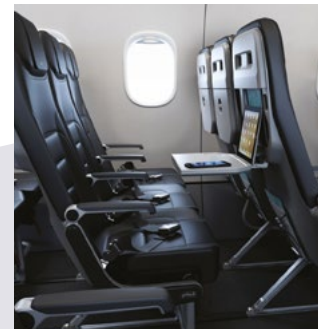


Investments in R&D and innovation have led to recent patent applications, introducing novel approaches to interior structures design and manufacture.

Causeway Aero offers **full turnkey interior solutions to airlines, lessors and OEMs**. The Interiors' Division has been formed in response to a growing demand from the industry for suppliers that are capable of filling the gaps that have been caused by over-consolidation in the aerospace and defence (A&D) supply chain.

These investments have also led to a **novel galley build concept** newly developed by Causeway Aero. This unique selling proposition provides **reduced build cycle times** and hence **reduced customer lead times**, together with **assembly cost reduction** from Causeway Aero as it enters this market for the first time.

With a healthy global A&D industry and the opportunity to **rethink aircraft interiors**, as well as **addressing the retrofit cycle of older aircraft**, Causeway is responding to this demand. It recognises the requirement for **interior monuments** including all the furniture items in an aircraft cabin: cabin dividers, storage areas, crew workstations, bar



units, galleys, lavatories, closets as well as social areas.

**Causeway Aero has the capabilities to deliver advanced solutions and capacity to this market.**

The new 20,000 sq ft facility for interiors and structures shows Causeway's commitment to deliver – making it happen.

## ACCREDITATIONS

Key to any aerospace company is their accreditation and certification ensuring the highest standard of quality at all times.



**Part 21 (J)**  
**Part 21 (G)**  
**Part 145**



**EASA PART 21 (J)** Working with Causeway's engineering team and partners, the company offers full engineering, certification and test for new products and repair solutions. This ranges from minor modifications and repairs to enhanced scope across aircraft platforms.

**EASA PART 21 (G) / PART 145** Given Causeway's recent acquisition of RACE Completions Limited - now Causeway Aero Interiors Limited - the company has full manufacturing, repair and overhaul certification for aircraft interiors, seats and other components.

**AS9100 Rev D** Managed by the overall Quality Management System, Causeway Aero's scope of approval covers their engineering activity, supply chain and programme management as well as the full product assembly functions.

With all strategic partners within a one hour drive, we are here to  
**MAKE IT HAPPEN - ON TIME, ON SPEC & ON BUDGET**

 CUSTOMERS

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the evolution of mobility

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**YOUR SMARTEST ROUTE TO MARKET**

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