



AIRCRAFT DEVELOPMENT AND MODIFICATION

Outsource or delegate your engineering to the ADSE Design Organisation

MRO, Completion and interior modifications

Maintenance and repair on Business Jets and small airliners often includes modifications and upgrades in interiors, avionics, IFE and systems. An EASA Design Organisation Approval is then required.

ADSE has a DOA and offers a flexible team of skilled engineers and CVE's that can support MRO companies in design, certification and management of modifications.

This allows the MRO to partner with ADSE to extend its service to the final customer beyond maintenance only.

ADSE partners with engineering and production companies for larger projects, providing a single point of contact and taking overall responsibility for the project result.

Besides civil aerospace ADSE has design and certification experience with military aircraft and military certification regulations. This experience has gained special recognition of our team for special mission aircraft modifications under civil registry or civil operations of military aircraft for both industry and operators. A Military DOA (MDOA) is pending.





ADSE is EASA 21J.481 DOA Approved

ADSE Consulting and Engineering has obtained the EASA part 21J Design Organisation Approval 21J.481

The ADSE DOA organization scope of approval offers a wide range of modifications for:

- Small Aero planes to CS 23
- Large Aero planes to CS 25
- Small Helicopters to CS 27
- Large helicopters to CS 29

ADSE can handle both minor and major (STC) changes and repairs.

ADSE provides approved design changes and repair designs according to customer specifications in the following technical fields:

- Structure
- Electrical Systems
- Environmental Systems
- Hydro mechanical systems
- Avionics
- Installation of Avionics Equipment
- Cabin Interiors
- Galleys or other interiors equipment



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"Our Compliance Verification Engineers (CVE) are highly experienced and have been involved in major new aircraft development programs and modifications worldwide."

Our Services

- Product Development from concept through delivery;
- Cabin layout definition, cabin safety analyses;
- Design and approval for cabin retrofit programs;
- Cabin interior monuments and seats;
- Technical Documentation & Publications;
- Project and outsourcing management;
- EASA liaison for FAA approved designs.

ADSE is an independent consulting and engineering company active in the market areas of Aerospace, Defence, Infrastructure and Rail Transport. We are a versatile and committed service provider and you will appreciate our systematic approach and technical knowledge as crucial to achieve process improvement, product development and efficiency.

We structure, develop and use a hands-on approach to project planning, execution and improvement. From advice through to delivery we find solutions in collaboration with our customers.

Our added value is based on a high level of experience, and our capabilities such as specification, integration and certification of technical solutions together with technical project management.

The ADSE approved DOA is located in the Schiphol Amsterdam area, in Hoofddorp, the Netherlands and works closely together with ADSE A.G. in the Basel area, in Reinach BL, Switzerland.

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