

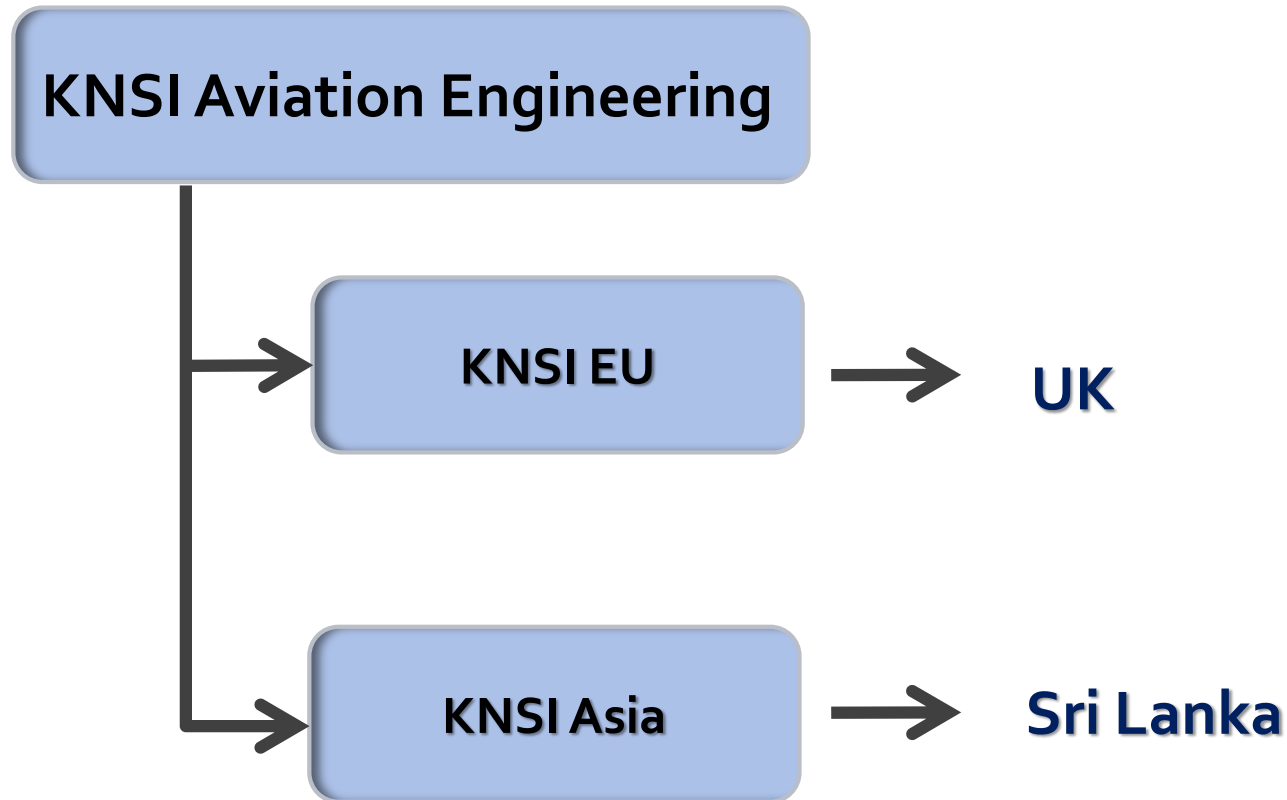


# Corporate Overview 2014/2015

# Introduction

KNSI Aviation Engineering is an EASA Approved (21J-560) independent, comprehensive engineering organization providing services to airlines, MRO's and aircraft manufacturers worldwide.

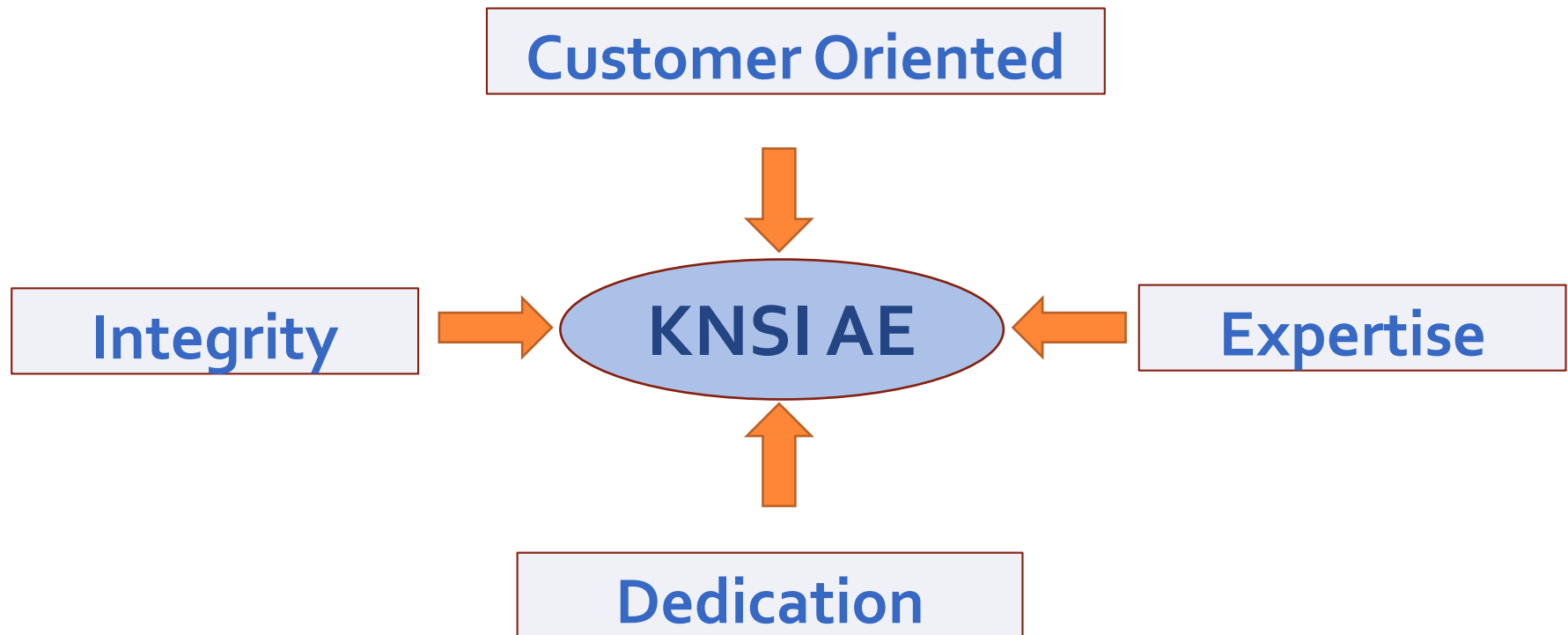
# Global Organization



# Engineering Facilities Locations



# We are...



# Global Capabilities

- Design & analysis
- Certification & program management
- Technical documentation
- Consultancy
- Modification kit design and supply
- Spares Supply

# Design Services | Structures

We perform surveys and assessments for customers all over the world. We can quickly assess any damage and repair or modification work you may want to carry out, including:

- Certification of repair-designs from minor SRM deviations to EASA STC support for major repairs, for both metallic & composite structures.
- Safe & economical life extension programs to life-limited structural assemblies with necessary STC support.
- Substantiation of structural modifications on both interior & exterior (Airframe Installation) structures.

# Design Services | Interiors

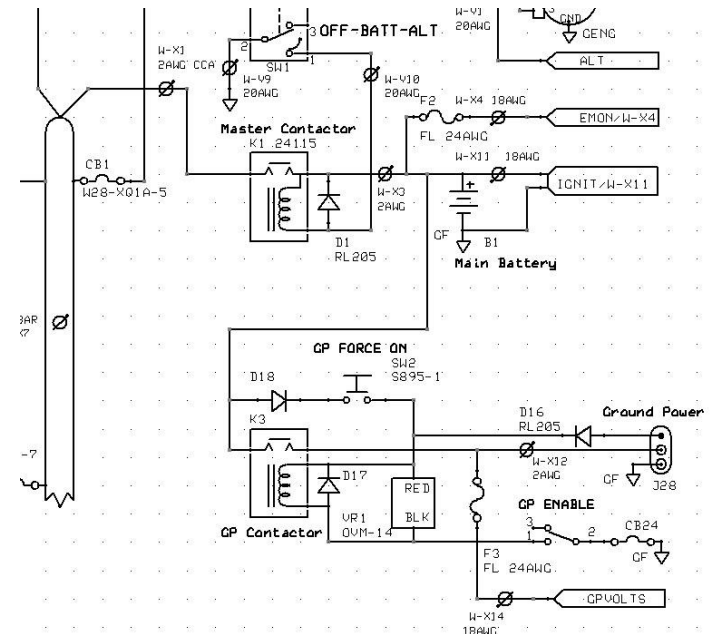
- Cabin layout reconfigurations including EASA STC support for major modifications(LOPA, PSIU Layouts, EELs, Cabin & Emergency escape lighting changes)
- Test plan setup for flammability, dynamic testing & substantiations for interior cabin modifications
- Aircraft surveys for lease returns & fleet standardization.
- EASA subpart G supports from affiliated and approved vendors with necessary EASA forms for proposed modifications by KNSI.





# Design Services | Avionics

- Electrical design & load analysis
- System & schematic development
- Wire harness design
- STC support for major system changes



# Scope of Approval

KNSI Aviation Engineering has strong engineering capability to support demanding aviation projects for **design and development of Minor Changes and Repairs** to :

- Large and Small Aircraft
- Large and Small Rotorcraft
- APU/Turbine Engines



# Minor Changes & Minor Repairs

In accordance with the applicable type certification basis and environmental protection requirements we design the following minor changes and minor repairs.

- Installation of Avionic Equipment
- Electrical Systems
- Structures
- Cabin/Cargo interiors
- Turbine Engines/ APU

# Global Regulatory Depth

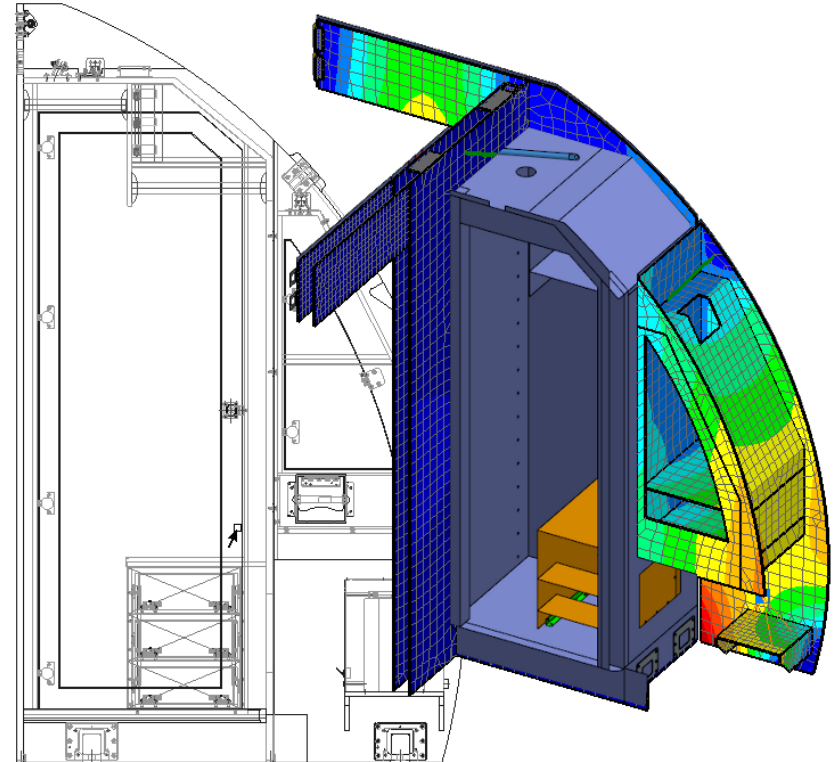
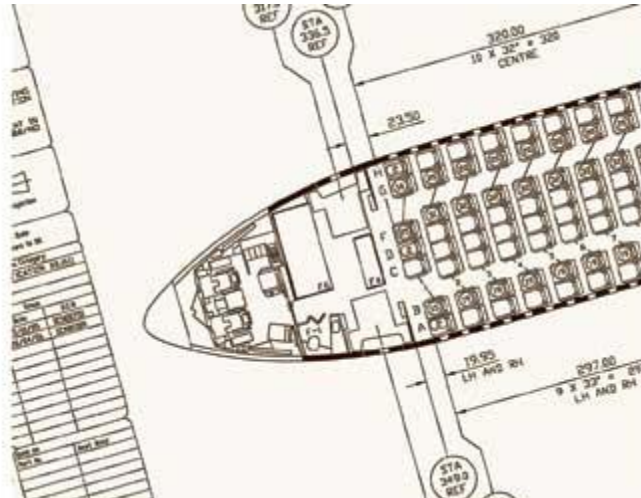
## EASA (European Aviation Safety Agency) Depth

- Part 21J.560 Design Organization (Fixed Wing/ Rotorcraft)



# Designing Tools & Software

- CATIA V5
- AutoCAD
- SolidWorks



# Types Of Contracts

- Offload projects and on-site at customer's facility
- Time and Material (T&M) and Firm Fixed Price (FFP)
- Flexible to customer needs

# Spares Supply

- We supply spare parts for both rotary and fixed wing aircraft.
- KNSI can shorten the distance between the product and the customer
- Allows customers to receive spares from one reliable source covering many manufacturers
- Horizontal Project consolidation
- Strategic supply chain management
- Cost saving

# Spares Supply

- Airframe/ Structural components & Spare Parts
- Airframe General Hardware & Spares
- Avionics Equipment & Spares
- Engine Components & Spares
- Ground Support Equipment & Spares
- Electrical / Instrumental Components and Related Spares
- Safety & Survival Equipment & Spares
- Aircraft Lighting Equipment & Spares
- Testing Equipment
- Braking system Equipment & Spares
- Escape Slides
- Filters
- Propellers/ Rotor Blades Spares
- Consumable Materials
- Interior Equipment & Spares





# Consumable Materials

- Aircraft Paintings & Coatings
- Corrosion Protective
- Thinners
- Primers and Aviation Fuel Additives
- Sealants & Adhesives
- Cleaners & Degreasers
- Tapes & Papers
- Oil, Fuel, Grease & Lubricants

# Some of Our Customers



# Some of Our Customers




# Summary

- A world class engineering service provider
- Highly capable in many engineering disciplines
- Capable of supporting all phases of an aircraft:  
Concept – Development – Test – Certification – Aftermarket Support

Thank you for your interest in KNSI Aviation Engineering

# Global Contacts

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