

AEROSPACE ENGINE SUPPLIER QUALITY (AESQ) STRATEGY GROUP

FACT SHEET

MEMBERS



In 2012, the President of Rolls-Royce Aerospace Supply Chain, and the Vice Presidents of Pratt & Whitney (Procurement), GE Aviation (Global Supply Chain), and Safran (Purchasing) tasked their respective senior quality executives to work collectively in driving rapid change throughout the aero-engine supply base. The group subsequently formed the SAE G-22 Aerospace Engine Supplier Quality (AESQ) Technical Committee (2013) and the AESQ Strategy Group (2015) to collaboratively publish and deploy common supplier requirements.

VISION

To establish, deploy, and maintain a common set of Quality Requirements that enable the Global Aero-Engine Supply Chain to be truly competitive through lean, capable processes and a culture of Continuous Improvement.

In Detail

- Create common quality standards in the aero-engine industry
- Deploy collectively the industry standards throughout the supply chain
- Establish capable quality processes and a culture of continuous improvement

Main Targets

- To improve quality within the supply chain
- Improve OTD and reduce costs through a reliable quality performance
- Gain efficiency with standardized processes

GUIDING PRINCIPLES

- Simplify & standardize supplier requirements
- Build on existing industry standards
- Create common language for Quality
- Ensure standards are simple, prescriptive & auditable
- Promote standardized 3rd party training
- Deploy with ease within existing process/systems

KEY MESSAGE

Work collaboratively to deploy the effective quality standards created by the AESQ Members throughout the entire aero-engine supply chain

<http://aesq.saeitc.org/>

SAE G-22 AEROSPACE ENGINE SUPPLIER QUALITY (AESQ) TECHNICAL COMMITTEE

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The SAE G-22 Aerospace Engine Supplier Quality (AESQ) Committee is established as a Technical Committee to develop, specify, maintain and promote quality standards specific to the Aerospace Engine supply chain. This is intended to reduce customer specifics through a focused set of standards that integrate industry best practice and aero engine unique elements.

Standards Development / Revision Activities

- AS13000A – Problem Solving Requirements for Suppliers
- AS13005 – Quality Audit Requirements
- AS13007 – Supplier Management

Recently Published Documents

- AS13000 – Problem Solving Requirements for Suppliers
- AS13001A – Delegated Product Release Verification Training Requirements
- AS13002 – Requirements for the Developing and Qualifying Alternate Inspection Frequency Plans
- AS13003 – Measurement Systems Analysis Requirements for the Aero Engine Supply Chain
- AS13004 – Process Failure Mode and Effects Analysis (PFMEA) and Control Plans
- AS13006 – Process Control Methods

