This standard has been created by the SAE G-22 Aerospace Engine Supplier Quality (AESQ) Committee to standardize and focus the use of process control. The use of statistical techniques and other proven methods will result in improved quality and manufacturing maturity. This standard helps organizations select appropriate control strategies when developing control plans and demonstrate their effectiveness through statistical analysis.

Aerospace engine manufacturers currently have differing requirements for process control that have the same intent. A single set of process control requirements will improve efficiency. This new standard will improve product quality through optimized process control and capability thus benefiting both the organization applying it, and its customers.

To assure customer satisfaction, the aviation, space, and defense industry organizations have to produce and continually improve safe, reliable products that equal or exceed customer and regulatory authority requirements. The globalization of the industry and the resulting diversity of regional/national requirements and expectations have complicated this objective. End-product organizations face the challenge of assuring the quality of product from a multi-level supply chain. Organizations face the challenge of delivering product to multiple customers having varying quality expectations and requirements.

This standard establishes requirements for Process Control Methods to sustain product conformity. This includes training, selection of control methods, analysis and improvement of their effectiveness, and subsequent monitoring and control. It applies to all controls documented in the Control Plan. This will include but is not limited to Key Characteristics (KCs) and Critical Items (CIs).

PURCHASING OPTIONS

**Individual Standards**
Publications may be purchased individually in print or electronic at SAE.org or by browsing on saemobilus.sae.org.

**Annual Subscriptions**
Customized subscriptions and related content can be created to include only the publications you desire. Access to content is available on SAE MOBILUS®.

**Contact SAE Customer Sales**
+1.888.875.3976 (US and Canada only)
+1.724.772.4086 (outside US and Canada)
CustomerSales@sae.org
Visit sae.org
The release of AS13006 is a big step forward in harmonizing requirements in the Aero-Engine supply chain.

DAN EIGENBRODE
VP Module Centers & Supplier Quality,
Pratt & Whitney and AESQ Executive Sponsor for AS13006.

Process Control is the key ingredient for sustained product quality and AS13006 provides the means for all suppliers to implement robust systems to ensure consistent quality regardless of product type.

JOIN THE COMMITTEE
Your participation would be a welcome addition to a G-22 Standards Committee. The SAE standards consensus process needs active participation from leaders and experts across the industry. If you are a professional in the mobility industry, we welcome your participation.

For more information, contact Becky Lemon at Rebecca.Lemon@sae.org