



Aerospace Transparency Systems
12122 Western Avenue
Garden Grove, CA 92841

SQAR 102 (BOEING)

Purchase Order Requirements:

For Raw Material Suppliers and Outside Production performing special processes building to Boeing design, verification of Approved Process Sources per D1-4426 is required. Verification of purchase order flows down of all the applicable drawings, parts lists, specifications, and standards to all approved sub-tier suppliers.

No PMA markings Per Boeing PO Notes Q31 unless otherwise specified on PO

This includes the following at a minimum:

All Boeing requirements and data are included with the original purchase order to the first-tier supplier.

Use of the Boeing Company–approved **special process** & **raw material** suppliers.

Identification of Boeing Company as the end-user.

All Engineering drawings, planning, specifications & standards, purchase order clauses or notes, with revision levels verified.

Identification of manufacturing process/method & special process requirements.

Identification of material type (alloy), strength (ksi), and thermal condition (e.g., heat-treated, annealed, or normalized).

Raw Material Requirements:

Copies of certified original mill test reports must accompany each shipment; transcribed mill test data will not be accepted. Original test reports and/or notarized reports, in accordance with all applicable specifications, must be kept on file by the supplier and be traceable to end item products delivered to The Boeing Company.

Associated Special Product Assurance Requirements (SPARS):

AS9100 (latest revision): Quality Management System

SQR-1: Supplier Quality Requirements

SPAR-2C: Quality Control System

SPAR-4: Certification of Conformance

SPAR-8: First Article Inspection (FAI) – Valid for the 1st shipment per part number

SPAR-11A & -11B: Age Control (Applicable to RUBBER GOODS only)

SPAR-20D: Identification

SPAR-22: Lot Control & Material Traceability

Other Requirements:

Supplier Change Notification (SCN)

Seller shall comply with the change notification requirements specified in Boeing D6-82240. Prior to implementation of any change that impacts manufacturing site, source-of-supply, or type-design of Boeing-commercial aircraft, seller shall notify GKN and GKN shall receive Boeing authorization for the change. Seller shall provide all required information to support GKN submission of RAC, DOC, NOC, or DEN change requests in accordance with D6-82240. Seller shall notify GKN immediately once the need for a change is identified to provide sufficient time to implement the change.

The latest issue to this document is the version that is available on the GKN Transparency Systems website:

<https://www.gknaerospace.com/globalassets/downloads/aerospace-suppliers-portal/usa/garden-grove/sqar-102-boeing.pdf/>

Acceptance Authority Media (AAM)

Acceptance authority media (e.g., stamps, electronic signatures, passwords). Seller must be able to demonstrate evidence of communication to its employees and to its supply chain that use of AAM must be considered as a personal warranty of compliance and conformity.

Seller must maintain compliance to AAM requirements by assessing its process and supply chain as part of its internal audit activities. The areas of focus of this assessment must include but not limited to:

- Authority Media Application Errors (i.e. Omission, Typos, Legibility, etc.)
- Authority Media Application Untimely Use (i.e. Documentation is not completed as planned, Stamp/Sign as you go”, etc.)
- Authority Media Application Misrepresentation (i.e., uncertified personnel, Falsification of documentation, Work not performed as planned, etc.)
- Authority Media Application Training Deficiencies (i.e. Ethics, Culture (i.e., uncertified personnel, Falsification of documentation, Work not performed as planned, etc.)

Authority Media Application Training Deficiencies (i.e. Ethics, Culture awareness, Proper Use of authority media, etc.).

FOD Prevention Program: Boeing FOD prevention per AS9146 and D6-85622.

Boeing Document D6-51991: All Boeing Digital Product Definition (DPD) data shall be controlled and maintained per the requirements in D6-51991 "Quality Assurance Standard for Digital Product Definition (DPD) at Boeing Suppliers.". Suppliers are subject to annual compliance auditing in accordance with D6-51991. Supplier shall complete QFM-0625 in conjunction with Supplier Survey (QFM-0813) if supplier receives Boeing Digital Product Definition Data. GKN ATS reserves the right to conduct DPD Compliance Audits at the Supplier's facility to determine that the Supplier's DPD system meets the requirements as set forth in D6-51991. Supplier shall provide GKN Aerospace with their DPD Quality Assurance Plan for review and approval.

Supplier shall provide access to their process to GKN and GKN customers to ensure configuration control and conformance to their DPD Quality Assurance Plan.

X31764: Supplier shall comply with the requirements of form X31764 “Boeing Quality Purchasing Data Requirements”, which is incorporated herein by reference as amended from time to time. To access this form select “Supplier Quality” from the menu bar of the “Doing Business with Boeing” home page located at the following URL address:

<http://www.boeingsuppliers.com/>

Tooling: All accountable special tooling designed and fabricated for use with Boeing products shall be controlled and maintained per the requirements of D950-11059-1 (BDS Seller Special Tooling Requirements) and D33200-1 (Boeing Supplier Tooling).

Excess Inventory: Seller shall control all inventory of Boeing proprietary product that is in excess of contract quantity in order to prevent product from being sold or provided to any third party without prior written authorization from Boeing. Additionally, Seller shall not provide Product from excess inventory that was previously rejected or returned by Boeing without prior written authorization from Boeing. When Seller fulfills an order in support of this agreement with Product from excess inventory, for which Seller was the original manufacturer, Seller shall be able to demonstrate traceability to the original Boeing purchase document that authorized manufacture of the Product when requested by Boeing.

Operator Self-Verification Program: If Seller uses an Operator SelfVerification (OSV) program, Seller shall comply with the requirements set forth in SAE industry standard AS9162, "Aerospace Operator Self Verification Programs", as may be amended from time to time. Buyer reserves the right to conduct surveillance at Seller's facility to determine that Seller is compliant to the requirements of AS9162.

Website:

GKN AEROSPACE Transparency Systems (Supplier Requirements):

<https://www.gknaerospace.com/globalassets/downloads/aerospace-suppliers-portal/usa/garden-grove/sqr-1-revn.pdf/>

The Boeing Company (D1-4426) website:

<http://active.boeing.com/doingbiz/d14426/index.cfm>

For any questions, please contact your GKN procurement representative or a GKN Quality Representative at (714) 653-7531

No Export Control - This document contains no technical data subject to the Export Administration Regulation (EAR), 15 C.F.R. parts 730-774 or the International Traffic in Arms Regulations (ITAR), 22 C.F.R. parts 120 – 130.

Revision: C

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