AIRBUS

Airbus Amber

Supplier Nadcap Accreditation
Airbus Policy

Airbus commitment with the quality of our products implies a tight control on all internal and external processes, including those performed at all levels of our Supply Chain and in particular when Special Processes* are involved.

To achieve this goal, Airbus is working with other leading aerospace manufacturers and suppliers for the benefit of the entire industry to advance methods and tools harmonisation for the supervision of processes and products.

In this framework all Airbus Business Units (Commercial Aircraft, Helicopters, Defence and Space) have been active members of Nadcap since 2002.

Nadcap is the leading worldwide Industry-Controlled cooperative program of major Aviation, defence and space companies designed to manage a cost-effective consensus approach to conformity assessment that brings together technical experts to establish requirements for accreditation, accredit suppliers and define operational program requirements.

The mission of Nadcap is to provide global, unbiased, independent manufacturing process audits and product assessments including certification services to the mobility industry for the purpose of adding value, reducing total cost and facilitating teaming between primes & suppliers

Airbus Business Units are using the Nadcap services as a means of surveillance of their respective suppliers and this is accepted by EASA, TCCA and FAA as a means of compliance to applicable regulations (EASA Part 21G, CAR 561 and FAA Order 8120).

Now for more than two decades significant results have been achieved, particularly in terms of the number of Nadcap accredited Suppliers/Special Process couples. Airbus congratulates those Suppliers who have already obtained their Nadcap accreditations and have cascaded these requirements to their Sub-tiers.

In accordance with the Airbus Mandating plan, suppliers are required to gain and maintain Nadcap accreditations for the Special Processes*, relevant to their business with Airbus.

They are also required to cascade these requirements to their Sub-tiers.

This requirement is incorporated in Airbus Business Units Supplier Requirements. These are the Airbus Supplier Requirements (ASR) for Commercial Aircraft, ER070-06-01 for Helicopters, QMS-09-01 for Airbus Canada and TT.GOV.D170 for Defence and Space in those POAs where CASA1033-01 and CASA1400 are applicable

Furthermore to strengthen the supplier's Quality Management System, to increase product quality and to reduce failure costs, additional Nadcap accreditations are strongly recommended and highly appreciated.

This supports the Airbus Supply Chain Quality Responsible (SCQR) and responsible Airbus functions in the different Divisions (e.g. M&P), in defining the Supplier specific surveillance program. Furthermore it gives Airbus a robust surveillance process by a rigorous and systematic surveillance system. It also brings significant benefits to its Suppliers such as the eradication of redundant customer audits, reduction of their internal non-quality costs and opportunities for expanding business, particularly when Nadcap accreditation is a mandatory requirement for the selection process on new programmes.

Signed by:Jürgen Westermeier
Signed at:2025-02-11 17:16:13 +01:00
Reason:I Approve this document

Jürgen WESTERMEIER
Chief Procurement Officer
on behalf of Airbus Group

Signed by:Grégoire JEDRZYCHOWSKI
Signed at:2025-02-13 12:59:01 +01:00
Reason:I Approve this document

Grégoire JEDRZYCHOWSKI
Head of Quality
on behalf of Airbus Group

*Airbus is using the Special Process definition according to International Aerospace Quality Group (IAQG) standard EN9100:2018: "Where the results of processes cannot be fully verified by subsequent inspection and testing of the product and where, for example, processing deficiencies may become apparent only after the product is in use".

This includes the Supplier defined Special Processes and as listed in the relevant Airbus database the Airbus defined Special Processes and International Standards (Nadcap Crosstable for Commercial Aircraft, EI021 HS5011 for Helicopters, MPCL-1400-1000 for Defence and Space and QMSF 09-01-01 for Airbus Canada).

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Airbus Business Units Mandating Plans (Required Nadcap Accreditations)

Nadcap Commodity	*Acronym*	*Nadcap Audit Criteria*	*Commercial Aircraft*	*Helicopters*	*Defence and Space*	*Canada*
Additive Manufacturing	AM	AC7131 Series	MAP	N/A	Since 2019 (6)	N/A
Aero Structure Assembly	ASA	AC7135 Series	Since 2019	Since 2024	Since 2020 (4)	MAP
Aerospace Quality System	AQS	AC7004 & AC7006	N/A	N/A	N/A	Since 2017
Chemical Processing (including Painting)	CP	AC7108 Series	Since 2005	Since 2006	Since 2006	Since 2008
Coatings	CT	AC7109 Series	N/A	N/A	Since 2006	Since 2008
Composites	COMP	AC7118	Since 2004	Since 2005	Since 2006	Since 2008
Conventional Machining as Special Process	CMSP	AC7126 Series	N/A	N/A	N/A	N/A
Elastomer Seals	SEAL	AC7115	N/A	N/A	N/A	N/A
Electronics	ETG-PB/PBA	AC7119 & AC7120 Series	Since 2005 (1)	N/A	MAP	N/A
First Article Inspection	FAI	AC7150	N/A	N/A	N/A	N/A
Fluid Distribution Systems	FLU	AC7123 & AC7112 Series	Since 2019	N/A	MAP	N/A
Heat Treating	HT	AC7102 Series	Since 2004	Since 2005	Since 2006	Since 2008
Material Testing Laboratories	MTL	AC7101 Series AC7006	Since 2005 Since 2023 (5)	Since 2010	Since 2006 Since 2024 (5)	Since 2008
Measurement & Inspection	M&I	AC7130 Series	Since 2016 (2)	N/A	Since 2017 (2)	N/A
Metallic Materials Manufacturing	MMM	AC7140 (Forgings) AC7141/AC7142 (Castings)	Since 2016 Since 2023	N/A N/A	Since 2016 Since 2023	N/A N/A
Non Conventional Machining	NM	AC7116 Series	Since 2016 (3)	N/A	N/A	Since 2008
Non Destructive Testing	NDT	AC7114 Series	Since 2004	Since 2005	Since 2005	Since 2008
Non Metallic Materials Manufacturing	NMMM	AC7124 Series	Since 2012	Since 2024	Since 2012	Since 2008
Non Metallic Materials Testing	NMMT	AC7122 Series	Since 2009	Since 2024	Since 2006	Since 2019
Sealants	SLT	AC7200 & AC7202	N/A	N/A	MAP	Since 2017
Surface Enhancement	SE	AC7117 Series	Since 2009	N/A	Since 2006	Since 2008
Welding	WLD	AC7110 Series	Since 2009	Since 2023	Since 2006	Since 2008

(1) Accreditation required for: PB (Printed Boards - AC7119 series) and PBA (Printed Board Assemblies - AC71120 series
(2) Accreditation required for: CMM (Coordinate Measuring Machine - AC7130/1), LT (Laser Tracker - AC7130/2), AA (Articulating Arm - AC7130/3), 3DSL (Three Dimensional Structured Light Systems - AC7130/4)
(3) Accreditation required for: EDM (Electrical Discharge Machining - AC7116/3) and LBM (Laser Beam machining - AC7116/4).
(4) Accreditation required by Airbus Defence and Space for all AC7135 series. Check-list corresponding to Fastening (AC7135/1) is mandatory since 2024.
(5) Accreditation required by Airbus Commercial Aircraft and Airbus Defence and Space for internal Reference Laboratories option (AC7006) except when the laboratory is ISO17025 accredited
(6) Accreditation required by Airbus Defence and Space since 2019. Previously as AC7110/14 in WLD task group
N/A: Not Applicable / MAP: Mandate Activities in Progress