



Alcoa Announces Multiyear Supply Contracts with Boeing

Contracts include Alcoa's Largest-Ever Fastener Deal; Agreement to Supply Ready-to-Install Seat Tracks for Every Boeing 787 Dreamliner. Deals strengthen Alcoa's position on newest Boeing platforms, including the 737 MAX, 777X and 787 Dreamliner.

Draws on titanium, machining and assembly capabilities gained through RTI acquisition. Contracts build on last year's aluminum sheet and plate deal with Boeing, valued at more than \$1 billion.

Lightweight metals leader Alcoa announced long-term supply contracts with Boeing valued at over \$2.5 billion. Alcoa will supply multi-material fastening systems for every Boeing platform in its largest fastener deal ever. Alcoa also will supply ready-to-install titanium seat track assemblies for the entire 787 Dreamliner family.

"Alcoa has positioned itself to win in a



multi-material aerospace industry, and these deals are the latest proof points that our strategy is working," said Chairman and Chief Executive Officer Klaus Kleinfeld. "We are proud to partner with Boeing as it delivers sophisticated airplanes to meet the world's increasing demand for air travel."

Under one contract, Alcoa Fastening Systems & Rings will supply advanced titanium, stainless steel, alloy steel, aluminum and nickel-based superalloy

fastening systems for every Boeing platform, including the 777X—Boeing's newest commercial airplane the 737 MAX scheduled for first delivery in 2017 and the 787 Dreamliner. Alcoa will produce these fastening systems at seven of its global manufacturing facilities.

Alcoa also announced a second agreement under which it is the sole supplier of ready-to-install titanium seat track assemblies for all three members of the 787 Dreamliner family of airplanes. RTI International Metals (RTI) now known as Alcoa Titanium & Engineered Products (ATEP) has provided seat tracks for the 787-9 and 787-8 variants under a contract signed in 2007. This contract, as amended by RTI and Boeing immediately prior to the acquisition, reinforces ATEP's position on those variants and adds seat tracks for the 787-10. Seat tracks are critical structural assemblies that mount to the floor of the airplane, secure passenger seats and reinforce the structure of the fuselage. Titanium seat tracks are stronger, weigh less and offer superior corrosion resistance compared with traditional materials.

Alcoa is supplying the seat tracks, from raw material to finished part, by utilizing its titanium ingot melting and billetizing, extrusion, machining, processing and assembly capabilities gained through the RTI acquisition. These contracts build on last year's deal with Boeing for flat-rolled aluminum sheet and plate products, valued at more than \$1 billion. That agreement established Alcoa as a sole supplier to Boeing for wing skins on all of its metallic structure airplanes. Alcoa plate products, used in applications such as wing ribs, wing skins or other structural parts of the aircraft, are used on every Boeing platform, including the 787. The agreement also established deeper collaboration on new, high-strength and corrosion-resistant alloys, including aluminum-lithium.

Obama to Open Hannover Messe 2016



President of the United States Barack Obama will join German Chancellor Angela Merkel to open HANNOVER MESSE 2016 announced the White House, the German Chancellery and Deutsche Messe AG on the 30th December. In 2016 the United States is Partner Country at the world's most important trade fair for industrial technology, which runs 25–29 April in Hannover, Germany. Obama will appear at the fair's official opening ceremony on, 24 April, and is also scheduled for the traditional opening tour of the fair with Merkel.

"President Obama's participation sends a special signal about HANNOVER MESSE's

international appeal," said Dr. Jochen Köckler, member of the managing board at Deutsche Messe AG. "And the timing is perfect in the midst of its reindustrialization the United States has become a very attractive business partner for industry. For German machinery and plant manufacturers, the USA is once again the number one market."

Approximately 5,000 companies from 70 countries will exhibit at HANNOVER MESSE 2016. For years HANNOVER MESSE has been the leader in promoting the digitalization of manufacturing under the rubric of Industries 4.0. Modern manufacturing and energy technologies are core themes at the exhibition with the motto "Integrated Industry – Discover Solutions", HANNOVER MESSE informs international trade visitors step by step how to transform their production facilities into smart factories for the digital age and how to build intelligent, networked systems for energy generation, distribution and storage.

The United States is Partner Country at HANNOVER MESSE for the first time. Roughly 250 companies from the world's largest economy will present their solutions for networked industry at the Hannover Exhibition Center and meet potential business partners from all over the world.