



Aerospace Metals

2014 2024 2219 7050 7075 7178 7475

Sheet, Plate, Rod, Bar, Pipe, Tubing & Structural Shapes



Charleston Aluminum specializes in aerospace sheet, plate and long-products, for all pleasure, private, defense, and space applications requiring aluminum, stainless, alloy steels and titanium. Our inventory is comprised of U.S. domestic and Western European DFAR producing mills and certified by all major aircraft manufacturers.

Charleston Aluminum is one of the largest stocking distributors of aerospace aluminum in the United States. Our friendly and knowledgeable sales staff will support all your program and organizational needs. We help businesses improve their ability to manage inventory levels via our inventory management processes.

Whether you are building fuselages, wing panels, producing seat brackets or machining engine components, Charleston Aluminum supplies the highest quality materials. We deliver a superior level of service that our aerospace mainframe and repair customers expect.

With distribution centers in South Carolina and Florida, Charleston Aluminum offers a wide range of secondary processing services. We offer quick order fulfillment, competitive pricing, and in many cases, next day delivery via our company-owned fleet of vehicles. We deliver across the United States and Canada, while also providing global shipping options.

Charleston Aluminum is a certified SBA Small Business, a Defense Logistics Agency (DLA) bulk-metals QSLD supplier (Cage Code 34FP9), and additionally, SAM registered and certified to ISO 9001:2008 - AS9100C.

Charleston Aluminum provides:

- The highest quality metals from both U.S. domestic and DFARS-compliant mills.
- Some of our additional processes include, cutting to size, shearing, PVC and paper interleaving.
- Competitive pricing and on-time delivery.
- Delivery throughout the country.
- Full product traceability.
- Carbon alloys, titanium, stainless, alloy steel, brass, copper, and various hard-to-find materials.
- Metals to aircraft mainframe builders and sub-contractors, with a specialization in FAA aircraft repair stations throughout North America.



Featured Products

- 2014, 2024, 2219, 7050, 7075, 7178, 7475, 7050, aluminum aircraft plate alloys.
- Aircraft aluminum sheets: Charleston Aluminum is one of the largest distributors of aerospace sheets in North America, specializing in bare and clad material in T0, T3, T4, T6, T7 and T8 tempers.
- In stock sheet and plate products ranging from 0.012" to 8.00."
- In stock extruded and cold-finished long-products, in round, flat, square, and assortment of other shapes.
- Diverse inventory of aluminum-drawn seamless tubes for aircraft applications.
- Additionally, 4130 steel alloys in sheet plate, tube and bars are readily available.
- Stainless steel in 301, 302/304, 321, 17-4, 17-7, 21-6-9 and 15-5 rods, bars, sheets, plates and tubes, are also standard stock products.