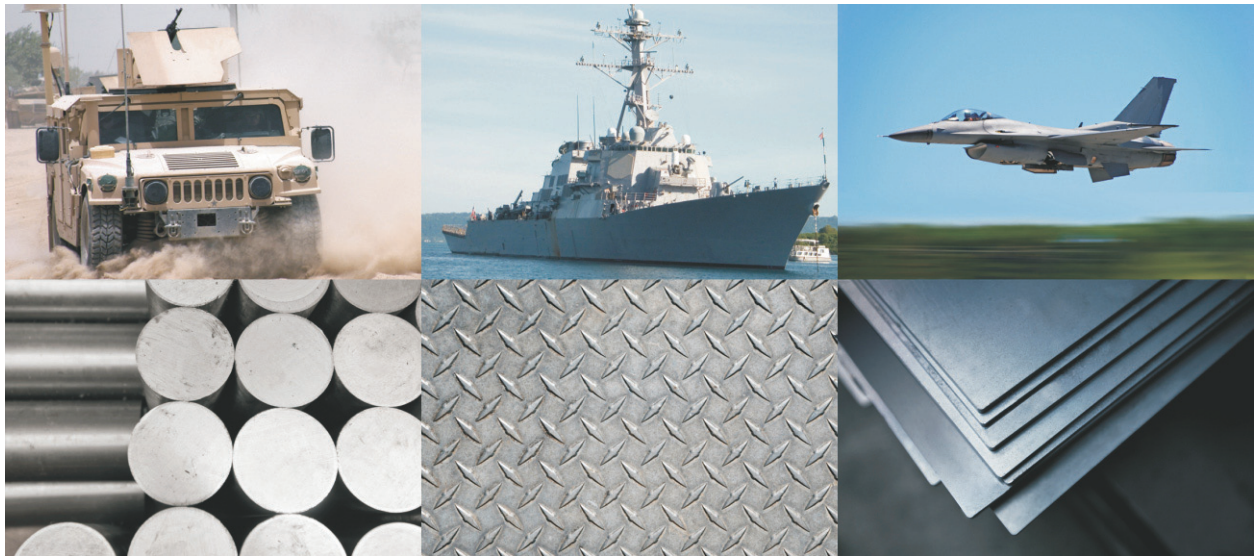




Charleston Aluminum, LLC

## Metals for Defense

**Armor, Aerospace, Marine, and General Engineering  
Sheet, Plate, Extrusions, Pipe, Tube, Bar and Structural**



**Charleston Aluminum is a full service metals center.** We are a supplier to all branches of the United States Military, Federal, State and local governments as well as many defense and aerospace prime contractors.

**Our warehouses and distribution facilities** are located in Gaston, SC, Miami, FL, and Los Angeles, CA.

**We stock, finish and distribute** all types of metals and metal products -- including standard and nonstandard products. We offer our customers a full range of sawing, shearing, cutting and finishing.

**We operate a fleet of company owned trucks** allowing us to respond to any point in the United States. We provide the highest levels of service to exceed the needs of our customers.

**We are a Certified Small Business and a Certified HUB Zone Business.**

**We are a Defense Logistics Agency (DLA) Bulk Metals Qualified Supplier** CAGE CODE 34FP9 | CCR REGISTERED | ORCA REGISTERED

## CHARLESTON ALUMINUM PROVIDES:

- The highest quality metals in aluminum, brass, copper, stainless, alloy steel, carbon steel, titanium and a number of other, hard to find materials.
- These materials are available in sheet, plate, pipe, tube, bars and structural shapes.
- Processing services include saw cutting to size, shearing, heat treating and other processing and metal finishing.
- Delivery to points throughout the country.
- Full traceability in accordance with Mil-I-45208.
- Competitive pricing and on time delivery.

## FEATURED PRODUCTS: ALUMINUM ARMOR PLATE

- 5059H136 (Mil-DTL-46027)– a relatively new alloy which is similar to 5083H131 in corrosion resistance, weldability and against bullets but surpasses it in mine explosions and spalling and is stronger and has higher elongation.
- 5083H131 (MIL-DTL-46027)– commonly used aluminum armor, good corrosion resistance and weldability.
- 6061T6 (ASTM-B-209 tested to MIL-DTL-32262)– stocked to the commercial specifications but is often tested at Aberdeen Proving Ground to ballistic standards and is then used in armor applications.
- 7039T6 (MIL-DTL-46063) – very high strength material, good ballistic properties, not recommended for welding.

For additional information on these and other materials please contact one of the individuals below.

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