

# DEFENSE & SECURITY

 CHARLOTTE USA.



The Charlotte region continues to strengthen its position as one of the most dynamic and diversified locations in North America. This 16-county region – 12 in North Carolina and four in South Carolina – is home to more than 900 foreign-owned firm locations, nine FORTUNE 500 company headquarters and a growing population of more than 2.7 million residents.

## INDUSTRY HIGHLIGHTS

- More than 1,300 companies within the Charlotte region have been awarded defense contracts worth, collectively, more than \$5.3 billion since 2000
- 10,000+ engineers employed within the Charlotte USA region
- 15 military installations in the Carolinas, including the largest populated US Army base; Fort Bragg
- Center of “Carolina’s MicroOptics Triangle” - formed by UNC Charlotte, Western Carolina University and Clemson University to integrate specialized R&D programs focusing on new optoelectronics, precision metrology, and nanotechnology applications for the defense and aerospace industry.

## MAJOR FIRMS IN THE DEFENSE/SECURITY INDUSTRY

Michelin Aircraft Tire Corporation	<i>Aircraft Tires</i>
General Dynamics Arm & Tech Prod	<i>Firearms &amp; Ordnance</i>
BAE Systems	<i>Troop Protection Products</i>
Defense Technologies	<i>Electronic Circuit Cards</i>
Northrop Grumman Synoptics	<i>Military/Industrial Components</i>
DSM Desotech	<i>High-tech UV-curable coatings</i>
Turbomeca	<i>Helicopter Engines</i>
Ultra Machine & Fabrication	<i>Welded armored sub-assemblies</i>
Scott Technologies	<i>Fire Protection</i>
Goodrich Corporation	<i>HQ's, Aircraft Parts &amp; Equipment</i>
Curtiss Wright Flight Systems	<i>Aircraft Parts Manufacturer</i>
Mac Lean Jameson LLC	<i>Lighting Equipment Manufacturing</i>
Newgard Industries	<i>Aircraft Parts Manufacturing</i>
ATI Allvac	<i>Titanium &amp; Nickel-Based Super Alloys</i>
ORO Manufacturing	<i>Aircraft Seating Components</i>



## DEFENSE & SECURITY TECHNOLOGY ACCELERATOR

- Located at UNCC’s Ben Craig Center
- Focused on fostering collaborative efforts, leveraging regional strengths and building connections between the military establishments, higher learning and centers of innovation
- Offering business assistance, access to network of resources including professional expertise and one-on-one coaching
- Program tailored to needs of early stage military and dual-use technology companies

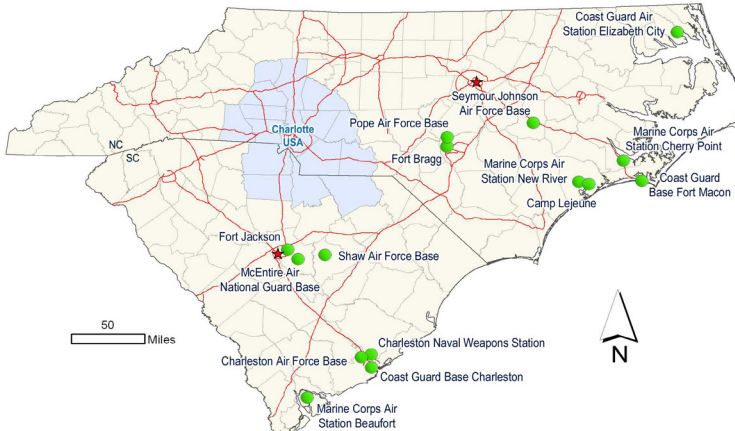
## UNPARALLELED ACCESSIBILITY

- 62% of the U.S. industrial base and over 52% of the U.S. population is accessible within 650 miles/1,000 kilometers of Charlotte USA
- Served by four major interstate highways (I-40, I-77, I-485, I-85)
- Ranked as the 6th busiest U.S. airport, Charlotte Douglas International Airport offers 700+ daily departures to 138 non-stop destinations, including 23 nonstop daily flights to the Washington, D.C. area

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## MILITARY INSTALLATIONS IN THE CAROLINAS



## UNIVERSITY RESEARCH AND TALENT

The University of North Carolina's at Charlotte's Charlotte Research Institute (CRI) combines cutting-edge technology and research facilities with local resources to provide employers a skilled workforce equipped with the latest industry trends

- Center for Precision Metrology at CRI:
  - Recognized as National Science Foundation Center of Excellence in New Industry Collaboration and Nanoscale Science & Engineering
  - Attracting companies such as Caterpillar, Mitutoyo and Boeing
- Center for Optoelectronics and Optical Communications at CRI:
  - Research areas include design and fabrication of photonic devices, integrated optical circuitry, assembly and packaging of optical systems, optical materials, methods for precision optical metrology, and optical imaging and inverse methods for wavefront synthesis

## GROWING AND TALENTED WORKFORCE

- Charlotte recently ranked as 4th fastest growing job markets in the U.S. according to a 2010-2011 analysis by U.S. Bureau of Labor Statistics
- The Charlotte region is home to 20 colleges and universities and 17 community and technical colleges with customized workforce development programs
- Over 50,000 degrees awarded in science, engineering, technology disciplines in North and South Carolina's public universities including University of North Carolina, University of South Carolina, Duke University and Clemson University among others.  
*Source: National Center for Education Statistics, 2009-2010*

- Center for Ebusiness Technology Institute at CRI:
  - Expanding into research in Bioinformatics and Homeland Security
  - Technology applications include information privacy and security, intelligent data analysis, systems integration and information visualization

### LARGEST CHARLOTTE DEFENSE CONTRACTORS, FY 2012

Andritz Hydro Corp.	\$12,709,922
Horizon Lines Inc.	\$1,665,621
Snyder's-Lance Inc.	\$1,914,616
HDR/DTA	\$1,839,412
General Dynamics Armament & Tech Products	\$1,665,621
Zapata Inc.	\$1,257,317
Terracon Consultants Inc.	\$1,028,274
Coca-Cola Bottling Co. Consolidated	\$651,060
Lions Services Inc.	\$638,280
Duncan-Parnell Inc.	\$479,065

Ranked by dollar amount of contracts awarded YTD fiscal 2012.  
Source: CBJ June 2012

## RECENT ANNOUNCEMENTS

- Bama Fastener, providing fastening systems to manufacturers for the military, leased 18,080 square foot industrial space for a Charlotte distribution center on March 2012 and is relocating their corporate headquarters to Mecklenburg County.
- Charlotte based Goodrich announced the purchase of Winslow Marine Products Corp., a Wisconsin based naval and aviation products company for \$18.4 million. This move will improve Goodrich's standing in the defense and home-security markets.
- A Babcock & Wilcox Co. subsidiary, Nuclear Fuel Services Inc., has won a \$114.7 million dollar contract in November 2011, to provide nuclear power for Navy aircraft carriers and submarines.

## NATIONAL RECOGNITION

- North Carolina #4 on American's Top 5 States for Business (CNBC, 2012)
- 4th Hottest Cities for Job Growth (BLS, 2010-2011)
- North Carolina #3 and South Carolina #5 among Best States for Business Climate (Site Selection, 2011)
- Charlotte-Gastonia-Concord MSA ranked #1 major market of the year (Southern Business & Development 2011)

A nonprofit, public/private economic development organization, the Charlotte Regional Partnership offers site location assistance, customized research and introductions to key industry resources across its 16-county, two-state region. The Partnership's services are free of charge to business prospects considering Charlotte USA, an area of 2.6 million people.

For more information, call 800.544.4373 or 704.347.8942 | [charlotteusa.com](http://charlotteusa.com)

