



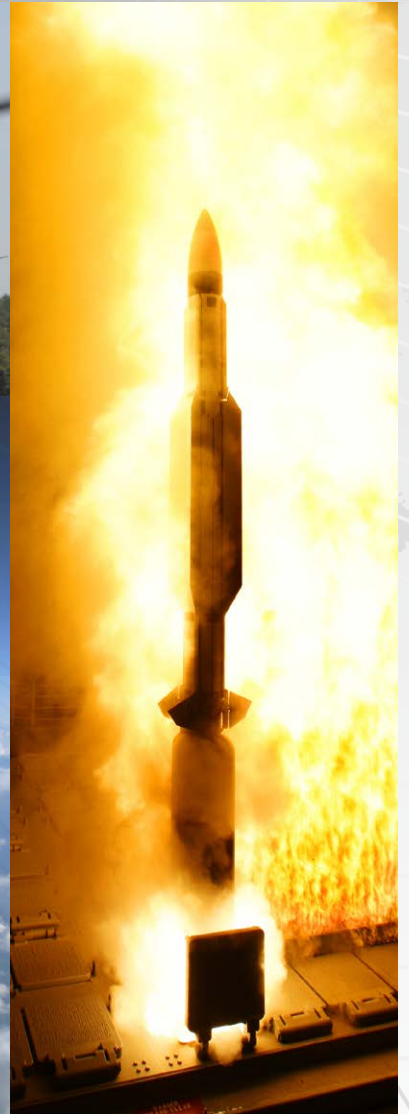
Huntsville/Madison County, Alabama

Aerospace/Defense Industry Profile

America's Center for Aerospace Excellence

Protecting the Nation...

Exploring the Cosmos...



Huntsville Aerospace/Defense Industry Overview

Welcome to one of the United State's leading technology communities. Since the early 1950s, Huntsville, Alabama, has been one of the nation's **principal centers for space and defense technology.** Home to the work of Dr. Wernher von Braun and America's rocket development programs, the Huntsville community and Redstone Arsenal became the location of choice for the country's best and brightest aerospace engineers and scientists. Rocket City USA, as the region was known, gave original meaning to the term "rocket science."

The Huntsville community is recognized nationally by *Inc.* magazine, *Forbes* and the *Wall Street Journal* as **one of America's leading technology communities.** Local and state leaders provide strong support for business growth including fostering a strong education system, a high quality of life, low costs of living and doing business, and the infrastructure needed for companies to attract workers and be successful. With the highest concentration of engineers and technology workers in the country, Huntsville, Alabama, continues to be the preferred location for America's best and brightest.





Cummings Research Park

CUMMINGS
RESEARCH PARK
HUNTSVILLE, ALABAMA

As one of the country's leading science and technology parks, Cummings Research Park, which opened more than 50 years ago, is a key component of the Huntsville community's aerospace and defense industry success. Located adjacent to Redstone Arsenal, the park is 3,800 acres and is home to 300 companies employing 29,000 workers. Twenty two of the top 26 U.S. government contractors have operations in Huntsville, as do 56 of the top 100. Numerous Fortune 500 companies and global technology corporations have major operations in the park performing aerospace and defense technology research and development. This large pool of technical expertise gives the Huntsville community the **highest concentration of engineers in the country** and is vital to supporting U.S. Army and NASA contract programs and commercial technology applications. The University of Alabama in Huntsville is also located in the park and maintains one of the highest rated engineering management programs in the country. The unique synergy of government, business and university research working together on a national scale makes the Huntsville community **one of the country's premier centers for aerospace excellence.**

Quick Facts

- 300 companies, 29,000 workers
- Founded in 1962
- 2nd largest research park in the U.S.
- 45 publicly held companies
- 3,843 acres

Key Industries

- Aerospace & Defense
- Computers & Electronics
- Engineering and Government Services
- Hardware and Software Development
- Information Technology
- Life Sciences & Biotechnology
- Modeling and Simulation
- Research & Development
- Software Design

Cummings Research Park



Booz | Allen | Hamilton



GENERAL DYNAMICS
C4 Systems



communications





Redstone Arsenal

Redstone Arsenal is a 38,000-acre secure U.S. Army complex located in the scenic Tennessee Valley region of north Alabama.

The Arsenal is a major federal research, development, test and engineering center and is home to the Army's missile, missile defense and aviation programs, the Missile Defense Agency, the Defense Intelligence Agency and NATO's MEADS program. Redstone is the principal location for Army materiel management, logistics and foreign military sales. NASA's Marshall Space Flight Center is also headquartered at Redstone. Arsenal agencies and program offices currently employ more than **37,000 people who manage more than \$100 billion in annual federal budgets**. Redstone is home to more than 60 different federal organizations and contractor operations. Listed below are several of the larger commands, agencies and offices located on Redstone:



U.S. Army Materiel Command

AMC is an Army Major Command responsible for materiel readiness including technology, acquisition support, materiel development, logistics power projection and sustainment. The Command's missions range from development of weapon systems and research to maintenance and distribution of parts and supplies.



Redstone Test Center

Redstone Test Center was created through the merger of the RTTC and ATTC in 2009. RTC specializes in line-of-sight missile and rocket testing, guidance system testing, optical and electro optical systems, air-armament component tests and electromagnetic environmental effects testing of aircraft systems. RTC is the designated DOD lighting effects tester for explosive ordnance and munitions. RTC also tests and certifies all modifications to the aircraft in the Army aviation inventory.



U.S. Army Aviation & Missile Command

AMCOM provides support to joint warfighters and allies to ensure aviation and missile system readiness for combat operations. The Command is responsible for the development, acquisition and fielding of aviation and missile systems and the integration of aviation and missile technology.



U.S. Army Space & Missile Defense Command

Build and support the US space and missile defense forces. SMDC provides research, technology integration for space, missile defense, cyber and directed energy systems and related technologies for the US Army.



U.S. Army Security Assistance Command

USASAC supports the national security strategy through the management of Army security assistance programs including annual foreign military sales of more than \$10 billion to approximately 140 allied countries, friendly nations and multinational organizations.



Missile Defense Agency

MDA is a Department of Defense agency that facilitates the development and integration of multi-service capabilities into seamless theater and national missile defense systems. The preponderance of the Agency's footprint is based at Redstone.



U.S. Army Aviation and Missile Research Development and Engineering Center

AMRDEC is the Army's focal point for providing research, development and engineering technology and services for aviation and missile platforms. AMRDEC manages and conducts research, exploratory and advanced development, and provides one-stop lifecycle engineering and scientific support for aviation and missile systems and UAV platforms.



Defense Intelligence Agency - Missile & Space Intelligence Center

MSIC is an intelligence organization charged with producing scientific and technological intelligence on adversary surface-to-air missiles and ballistic missile systems and directed energy systems. This intelligence includes characteristics, capabilities and limitations of foreign military systems.



Program Executive Office - Missiles & Space

The PEO Missiles and Space provides centralized management for all Army tactical and air defense missile programs and selected Army space programs. The PEO was established in January 2005 with the merger of the PEO Air, Space and Missile Defense and the PEO Tactical Missiles.



Army Contracting Command

The Army Contracting Command supports the warfighter worldwide through the acquisition of goods and services vital to the soldier's mission and well-being. In fiscal year 2009, the ACC was responsible for 281,590 contracting actions that totaled over \$96 billion. The Command Headquarters relocated to Redstone Arsenal in 2011.



Program Executive Office - Aviation

The PEO Aviation is the Army manager responsible for providing overall direction and guidance for the development, acquisition, testing, product improvement and fielding of Army aviation systems including the Apache Helicopter, Cargo Helicopter, Utility Helicopter, Unmanned Aircraft System and Armed Scout Helicopter.



Expeditionary Contracting Command

The Expeditionary Contracting Command is responsible for expeditionary contracting across all military operations for Army Service Component Commanders and the Joint Warfighter and support to Army and other federal agencies at installations overseas.

Federal Aerospace/Defense Impact

Huntsville's Redstone Arsenal, NASA's Marshall Space Flight Center and Cummings Research Park offer the premier location for many of the most prestigious defense and civil space programs of national significance.

Commands based at Redstone manage the entire portfolio of Army materiel activity. Major and subordinate Army commands have responsibility for key missile, missile defense and aviation programs, as well as management of all Army foreign military sales and Army contracting. The Marshall Space Flight Center is responsible for the development of NASA's next launch vehicle and a wide variety of space science and astrophysics programs.

NASA and Army facilities at MSFC and Redstone have been made available for use by private companies on a selective basis. Most recently, Raytheon located its production facility for SM3 and SM6 missiles at Redstone.

Federal Agency spending – 2012 – 2013

Agency	Budget
NASA Marshall Space Flight Center	\$2,280,000,000
Missile Defense Agency - Huntsville/Redstone Activities	\$5,626,400,000
U.S. Army Materiel Command	\$54,100,000,000
U.S. Army Aviation & Missile Command	\$16,508,180,000
U.S. Army Program Executive Office - Missile & Space	\$3,500,000,000
U.S. Army Program Executive Office - Aviation	\$7,726,170,000
Integrated Materiel Management Center	\$277,000,000
U.S. Army Space and Missile Defense Command	\$845,800,000
U.S. Army Engineers & Support Center	\$948,000,000
U.S. Army Security Assistance Command	\$19,700,000,000
U.S. Army Contracting Command	\$9,930,140,000
2nd Recruiting Brigade	\$50,000,000
Redstone Test Center	\$210,000,000
Logistics Support Activity LOGSA	\$77,000,000
U.S. Army Garrison	\$121,000,000
Aviation and Missile Research Development and Engineering Center	\$1,338,000,000
Missile & Space Intelligence Center Defense Intelligence Agency	Classified



Marshall Space Flight Center

Marshall is one of NASA's largest field centers, occupying more than 1,800 acres on Redstone Arsenal. The center employs approximately 6,000 people, approximately 2,500 civil service and 3,500 contractor employees, with an annual budget of approximately \$2.6 billion. MSFC has the program and project lead responsibility for development of the nation's next heavy lift vehicle that will enable continued US exploration of deep space.

Key capabilities:

- Materials and Processes
- Propulsion Systems
- Spacecraft and Vehicle Systems
- Environmental Control and Life Support System Facility
- National Space Science and Technology Center
- Space Optics Manufacturing
- Mission Operations
- Space Systems
- Test Facilities
- Flight Robotics
- SERVIR Test Bed
- X-ray & Cryogenic Facility



Raytheon SM3/SM6 Production Facility

AMCOM - Sparkman Center



Aerospace/Defense Companies in Huntsville/Madison County

3D Research Corporation	Applied Technologies Group, Inc.	Brockwell Technologies, Inc.	Decision Sciences	E-Ring, Inc.
3SL, Inc.	A-P-T Research, Inc.	Brown Precision, Inc	Decisions & Advanced Technology Associates (DATA), Inc.	Essence Logistics
5-D Systems, Inc.	Aranea Solutions, Inc.	CACI International, Inc.	Decisive Analytics Corporation	Excelerate, Inc.
a.i. solutions, Inc.	Arcata Associates, Inc.	Cadre 5, LLC	Defense Acquisition Inc.	Exceptional Quality Services, Inc.
AAI Corporation	ARES Corporation	Camber Corporation	Defense Strategies, LLC	Exodus Technology Corporation
AAR Integrated Technologies	ARINC Engineering Services Inc.	Canvas, Inc.	Delta Research	Fabricated Technologies, Inc.
AAR Precision Systems	Arrowpoint Corporation	Casa Designs, LLC	Delta Solutions and Strategies, LLC	Five Stones Research Corporation
ABT, Inc.	ASRC Aerospace Corporation	CDI-Aerospace	DESE Research, Inc.	FLIR
AC Manufacturing	Assurance Technology Corporation	Cepeda Systems & Software Analysis, Inc.	DeVivo AST, Inc.	FPMI Solutions, Inc.
Accenture	ASTSP, Inc.	Cervantes Consulting Center, Inc.	DHS Systems	Freedom Information Systems, Inc.
Adamson Consulting Services, Inc. (ACS)	ATI Engineered Products	CFD Research Corporation	Digi Flight Incorporated	Frontier Technology, Inc.
Adaptive Research Corporation	ATK	CFI Global Solutions, Inc.	Digital Fusion, Inc.	Future Designs, Inc.
ADEPT Technologies	Aviation and Missile Solutions, LLC	CG2, Inc. - A Quantum 3D Company	Digital Radiance	Future Research Corporation
ADESTA	Avion, Inc.	CGI	Dixie MetalCraft Corporation	GaN Corporation
ADEX Machining Technologies, LLC	AVNIK Defense Solutions, Inc.	CH2M HILL	DMD, Inc.	GATR (Ground Antenna Transmit/Receive) Technologies
ADS	Axiom Group, Inc.	Chandler/May, Inc.	DP Associates, Inc.	General Dynamics C4 Systems
Advanced Federal Services Corporation	Axion Corporation	Chenega Corporate	Drako Engineering, Inc.	General Products, LLC
Advanced Optical Systems, Inc.	Axsys Technologies, Inc.	Chugach Alaska Corporation	Draper Laboratory, Inc.	Gideon Services Inc
Advanced Systems Development Inc. (ASD)	A-Z CNC Services	Cirrus Technology, Inc.	DRS Technologies, Inc.	Gleason Research Associates, Inc.
Advancia	AZ Technology, Inc.	Clausewitz Technology	dtech Systems, Inc.	Global Military Aircraft Systems
ADVOCO Technology Solutions, Inc.	B & C Instruments, Inc.	CND, LLC	Ducommun Miltec	Goodrich Corporation
AEgis Technologies Group, Inc.	B. G. Smith and Associates, Inc.	Cobham	Dura Coat Products, Inc.	Gradient Technology
Aero Thermo Technology, Inc.	BAE Systems	CohesionForce, Inc.	Dynamic Concepts, Inc.	Gradkell Systems, Inc.
Aerodyne Inc.	Ball Aerospace & Technologies Corp.	Cole Marie Austin, LLC	DynCorp International	Gray Research, Inc.
Aerojet	Bangham Engineering	COLSA Corporation	Dynetics, Inc.	Griffon Aerospace, Inc.
Aerospace Products Southeast, Inc.	Barrios Technology	CommandTec	EADS North America Defense	Gryphon Technologies LC
AeroVironment, Inc. (AV)	Battelle Huntsville Operations	Compass-HSV, Inc.	Eagle Support Services Corporation	Hamilton Sundstrand Corp.
Aetos	BCF Solutions	Computer Support Systems, Inc.	EASPI - Engineering & Services Performance Improvement	Harris Corporation
Agile Information Services Corporation	Bell Helicopter, Textron	Computing Technologies, Inc.	EFT Holdings Inc.	Hawk Enterprises, LLC
Agility	Belzon, Inc.	Concero Scientific	EII	Hertha Technology, Inc.
AI Signal Research, Inc.	Beowulf Corporation	Corvid Technologies	Elbit Systems of America	High Altitude Research Corporation, Inc.
AIT Services Group, Inc.	Bevilacqua Research Corp.	Coti Global Sensors, Inc.	Electronic Warfare Associates, Inc.	Hi-Tek Services, Inc.
AJA, Inc.	BFA Systems, Inc.	CRS Engineering	enGenius Consulting Group	Hixardt Technologies, Inc.
Alabama Aerospace	Blackhawk Management Corporation	CSC	Engineering Management Concepts, Inc. (TiEMC)	Hoar Program Management
ALATEC	Boecore, Inc.	Cummings Aerospace	Engineering Sciences, Inc.	Holeman Scientific Corporation
Alcyon, Inc	The Boeing Company	D.T.A.G.	Enlogica Solutions	Honeywell
Alion Science and Technology	BOLDLogic, LLC	DataCom Solutions, Inc.	enrGies	Hunt Design
Allen Research Corporation	Bonham Technologies	Davidson Technologies, Inc.	EpiQ, Inc.	Hurt, Norton & Associates
ALOG Corporation	Booz Allen Hamilton, Inc.	Davis Strategic Innovations, Inc.	Epsilon Systems Solutions, Inc.	ICRC Aerospace Services
Alpha Beta Technologies, Inc.	Bowhead Holding Company	DB Consulting Group, Inc.	ERC, Inc.	IERUS Technologies, LLC
Alutiiq	Brandon Technology Consulting, Inc. (BTC)	DCS Corporation	Erica Lane Enterprises, Inc.	IIT Research Institute
AMA - Analytical Mechanics Associates, Inc.		decibel Research		IMCO, Inc.
American Mechanical & Electronic Services, Inc.				
American Precision Products				
Amtec Corporation				
Analytical Services Inc.				
Analytix LLC				
Andrews Space, Inc.				
Apexio Solutions, Inc.				
Applied Analytical Solutions, Inc.				
Applied Data Trends, Inc.				
Applied Geo Technologies				
Applied Resources, Inc.				



Industrial Fabrication Company
Infinity Technology, Inc.
InfoPro Corporation
InfoReliance Corporation
Information Systems Laboratories
Aeronautical Systems Operations
Innovative Signal Technologies, LLC
Instrumental Sciences, Inc.
Integrated Logistics Support Solution
Integrated Thought Corporation
Integration Innovation, Inc. (i3)
Integration, LLC
Intergraph Corporation
International Space Systems, Inc.
Interoptek, Inc.
Interweave Technologies
Intuitive Research and Technology Corporation
Iroquois Systems, Inc.
ISP Chemicals, Inc.
ISSI Unexploded Ordnance, Inc.
ITT Corporation
J.P. Sales Company, Inc. (on behalf of the Jay Industries/Cignys Joint Venture)
J2 Technologies
Jacobs
JB Management, Inc.
Kaman Sciences Corporation
Katmai Air Surveillance Services
KAYA Associates, Inc.
KBM Enterprises, Inc.
Kenetics, Inc.
KIHOMAC, Inc.
Kinney Industries, Inc.
Knowledge Vortex, Inc.
Koniag Services Inc. (KSI)
Kord Technologies, Inc.
Kottmann, Inc.
Kratos Defense & Security Solutions, Inc.
KT Engineering
Kwajalein Range Services, LLC
L-3 Communications Corporation
L. Kianoff & Associates, Inc.
Layer 8 Technology, Inc.
Leadership Strategies, Inc. (LSINC)
Lee Precision Machine Shop
LESCO, Inc.
Lewis Innovative Technologies
Lockheed Martin Corporation
LogC2, Inc. DBA "Connected Logistics"
LogiCore
Logistics Plus Associates, LLC
LOGOS Enterprises, Inc.
LOGZONE, Inc.
LTS
Machine Craft, Inc.
MACRO Industries, Inc.

MagnaCom, Inc.
ManTech NeXolve Corporation
Maximum Technology Corporation
McCoy Enterprises, Inc. DBA STG
MCR Aerodyne, Inc.
MEADS, LLC
MegaTech, Inc.
Meggit
MEI Technologies, Inc.
Mercury Computer Systems - Echotek Product Group
Mesa Associates, Inc.
Mesa Robotics, Inc.
Mettlers Industries, Inc.
MicroBee Systems, Inc.
Millennium Engineering and Integration Company
Millennium Systems Services, Inc.
Millie Models
Mindready Systems, Inc.
Minerva Engineering
Mission Ready Supply, Inc.
Modern Technology Solutions, Inc.
Moog
Motion Industries
MSB Analytics, Inc.
MTA, Inc.
MTS, Inc.
Native American Services, Inc.
Navigator Development Group, Inc.
NeoSystems Corp
NEOTEK, Inc.
New Technology, Inc.
Nextek, Inc.
nLogic, Inc.
NOETIC Strategies, Inc.
North Alabama Connections
Northington Consulting, LLC
Northrop Grumman Corporation
Novation Systems
NTA, Incorporated
Oak Ridge-Huntsville Partnership Office
Oceaneering International, Inc.
OCERIS, Inc.
Omega Plus, Inc.
On-Line Applications Research
OPDEC, Operational Decision Software and Services
Optical Sciences Corporation
Orbital Sciences Corporation
Orion Technology, Inc.
Osborne Technologies, Inc.
Padova Technologies
Paradigm Technologies, Inc.
Parsons Corporation
Peduzzi Associates, Ltd.
PENTA Research Incorporated
Perimeter Solutions, LLC
Perkins Technical Services, Inc.

Phase IV Systems, Inc.
Phoenix
Photon Research Associates, Inc.
Physitron, Inc.
Pikewerks Corporation
Pinnacle Solutions, Inc.
PIVC, LLC
Plasma Processes, Inc.
Plastic Fusion Fabricators, Inc.
Polaris Sensor Technologies, Inc.
PPG Industries
PPT Solutions, Inc.
Pratt & Whitney Rocketdyne
Pratt & Whitney SMS - Advanced Systems Technology
Premier Professional Systems, Inc.
PROJECTXYZ, Inc.
QinetiQ North America
QTEC, Inc.
Quadrus Corporation
Qualis Corporation
Quantech Services, Inc.
QuantiTech, Inc.
Quantum 3D
Quantum Research International, Inc.
R&D Electronics, Inc.
Radiance Technologies, Inc.
RAM Information Systems Group
Ranger Land Systems, Inc.
Raytheon Company
Riverside Research Institute
RMCI, Inc.
RNB Technologies, Inc.
Rockwell Collins
Rocky Research
RunTime Computing Solutions, LLC
SAIC
SaiTech, Inc.
SAMI Engineering, Inc.
Sanmina-SCI Corporation
Schafer Corporation
Science and Engineering Services, Inc.
Sciencetech, A business unit of Curtiss Wright Flow Control
Scientific, Inc.
Scientific Research Corporation
SECOTEC, Inc.
SEI Manufacturing, Inc.
SELEX Sensors & Airborne Systems
Sentar, Inc.
SERCO North America, Inc.
SGT, Inc.
Shaw Group MSS
Shearer & Associates, Inc.
Siemens Government Services
Sierra Lobo, Inc.
Sierra Nevada Corp.
Sigmatech, Inc.



Signature Products Corporation
Signature Research, Inc.
Sikorsky Aircraft Corporation
Simulation Technologies, Inc.
Soldier 1 Corporation
Solvability
Southwest Research Institute (SwRI)
SPC Container Corp.
Spectrum Solutions, Inc.
Strata-Form, Inc.
Strata-G Solutions, Inc.
Strategic Defense Solutions, LLC (SDS)
Sugar Group, LLC
Summit 7 Systems, Inc.
Summit Information Solutions, Inc.
Summit Technical Solutions, LLC
Superior Solutions Incorporated
SURVICE Engineering Company
System Studies & Simulatio, Inc.
System Technology Associates, Inc.
Systems Development Corporation (SDC)
Systems Dynamics International, Inc. (SDI)
Systems Products and Solutions, Inc.
Tabor Machine Company, Inc.
TASC, Inc.
Technica, LLC
Technical Micronics Controls, Inc.
Techni-Core Corporation
Technisource Consulting Services
Technology Concepts, Inc.
Techvation, Inc.
Tec-Masters, Inc.
Tecolote Research, Inc.
Teklinks
Teksouth Corporation
Teledyne Brown Engineering, Inc.
Teledyne Solutions, Inc.
Ternion Corporation
Terravolv, Inc.
Thales
The Aerospace Corporation
The Force, Inc.

The MITRE Corporation
The Patrick Wolfe Group, Inc.
Tintronics Industries
TMT Group, Inc.
Torch Technologies
Toroid Corporation
Total Solutions, Inc.
Trident Group, Inc.
Trident Technologies
Trideum Corporation
Triumph Aerospace Systems - Newport News
Troy 7, Inc.
TYBRIN Corporation
Tyonek Manufacturing Group
United Connectivity Solutions, Inc.
United Launch Alliance
United Space Alliance, Inc.
Universities Space Research Association
URS Corp
Valour LLC
Vector Aerospace
Venturi, Inc.
Victory Solutions, Inc.
Vision Centric, Inc.
VSE Corporation
VT Group
Washington Square Associates, Inc.
Watring Technologies, Inc.
WaveLink
WestWind Technologies, Inc.
Whitesburg Electronics, Inc.
Whitney, Bradley & Brown, Inc. (WBB Consulting)
Wildwood Electronics, Inc.
Will Technology, Inc.
Willbrook Solutions, Inc.
Wyle CAS Group
Wyle
Yetinspace, Inc.
Yorktown Systems Group, Inc.
Yulista Management Services



HUNTSVILLE INTERNATIONAL AIRPORT
INTERNATIONAL INTERMODAL CENTER
JETPLEX INDUSTRIAL PARK

Port of Huntsville

Centrally located in the southeastern United States, Huntsville/Madison County provides an excellent location for accessing and serving the southern U.S. region. Further extending the area's reach into the global market is the Port of Huntsville with its commercial air service, domestic and international cargo service, and industrial park.

At the heart of the Port of Huntsville is Huntsville International Airport (HSV) with two parallel runways – including the second largest in the Southeast at 12,600 feet – that can accommodate the industry's largest aircrafts, including the 747-8 freighters. The International Intermodal Center is its single hub location with capabilities to receive, transfer, store and distribute air, rail and highway cargo both domestically and internationally. The air cargo hub operation is anchored by Switzerland-based freight forwarder, Panalpina. This supply chain solution provider has used Huntsville as its main port of entry to the U.S. for more than 20 years and has grown to non-stop cargo flights to Asia, Europe, South America and Mexico.

Also located at the Port of Huntsville is the Jetplex Industrial Park which has available direct runway access, Foreign-Trade Zone status, and on-site U.S. Customs & Border Patrol. This unique combination of services makes the Port of Huntsville an ideal location for expanding MRO and distribution operations.



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HUNTSVILLE Chamber of Commerce
The Sky is not the limit.® of Huntsville/Madison County

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