

Astrium North America

All the space you need



EADS



**Airbus
Airbus Military**



Eurocopter



Astrium



**Defence
& Security**

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Astrium Space Transportation

The European prime contractor for civil and military space transportation and manned space activities



Astrium Satellites

A world leader in the design and manufacture of satellite systems



Astrium Services

At the forefront of satellite services in the secure communications, Earth observation and navigation fields



Englewood, CO / SST
US
Subsidiary of SSTL (3p)

Atlanta, GA / EADS NA
Supporting ASL-BD S (1p)

Arlington, VA /
EADS NA

- In support of:
- ASL-BD T (1p)
 - Paradigm (1p)
 - Infoterra GmbH (1p)
 - General Activity (4p)

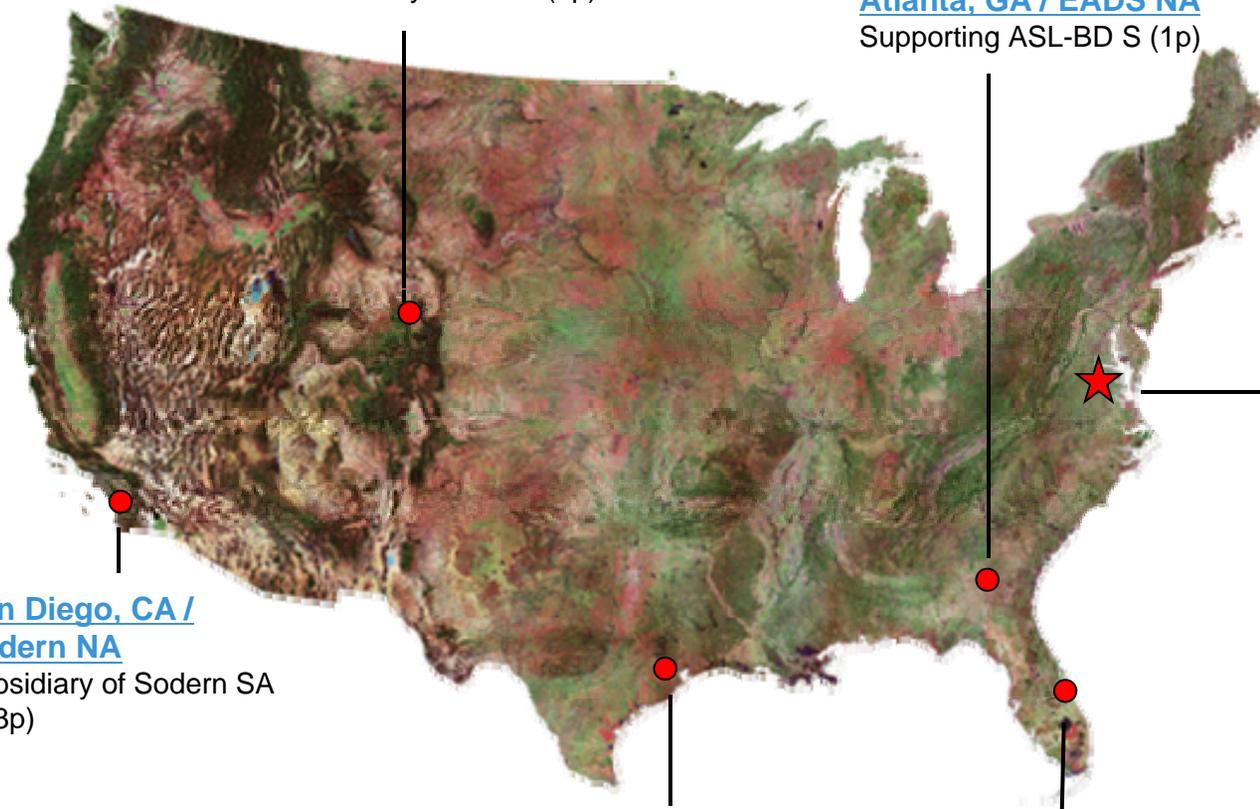
Chantilly, VA / Spot
Image (SI Corp)

Subsidiary of Spot
Image (20p)

Houston, TX / Astrium NA
Subsidiary of AST; ISS
Operations Support (17p)

Cape Canaveral, FL
Astrium NA (AST)
Launch Support (3p)

San Diego, CA /
Sodern NA
Subsidiary of Sodern SA
(2-3p)



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Astrium-NA Overview

- US Company, Incorporated 1973
- Experienced Professional Staff of 20+ with average industry experience of more than 15 years
- Offices in Houston and Cape Canaveral
- Integration and Test Facility for Flight Hardware
- Providing payload fabrication, integration and testing on a Commercial basis for over 12 years

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Astrium-NA Current Lines of Business

- Software Development & Integration Lab (SDIL)
(Flight systems simulations & flight software verification)
- Integrated Cargo Carrier (ICC)
 - Hardware Leasing
 - Integration & Operations
- International Space Station (ISS) operations
 - ISS Increment Management for ESA
- Crew (Astronaut) Training Service
- Ground Facilities Sustaining Engineering
- Logistics & Science Sample Return Services
- ITAR / Export Control Expertise

Astrium-NA Capabilities

- Well experienced/respected core staff with the expertise and relationships necessary to be effective in the NASA and International space community
- Astrium-North America (NA) provides a proven management capability with multi-level experience.
 - Full cycle Flight Project Management for both hardware & software development
 - Program Management demonstrated through 12 successful shuttle cargo carrier flights and 12 plus years of ISS flight software Integration and Test campaigns
 - Completed numerous ISS mission increments in support of ESA by managing an international team throughout Europe and US

Astrium-NA Capabilities

- The Astrium-NA technical staff has the experience, facilities and knowledge necessary to efficiently provide end to end products and services
 - Full lifecycle software development, integration and testing
 - Turnkey hardware integration in 100k class cleanroom offsite of KSC
 - Network infrastructure and security expertise geared towards elevated aerospace standards
 - Well established and respected technical staff representing customers within the NASA Structural, Thermal and Safety organizations
 - Provide mockup hardware, flight procedures and hands on crew training at JSC, the NBL and the European Astronaut Center in Cologne, Germany
 - Provide real time flight support at the Payload Operations Control Center (POCC) for external cargoes

Astrium-NA Capabilities

- Analytical Integration inclusive of hardware development support and associated design reviews, testing, flight verification and program reporting
- Astrium-NA acts as a representative for program level interfacing for Cargo Carrier and Software services for EADS Astrium Space Transportation
- Provide flight scientific sample return services
- Astrium-NA has an established access to international capabilities for structural analysis, thermal analysis and hardware design
 - Minimizes potential impacts related to export control
 - Sister European company intimately involved with Airbus, ESA, ATV, Columbus, Ariane 5

Astrium-NA as a National Lab Implementation Partner

- Astrium-NA is working to utilize existing teaming strengths and assets and augment through collaborations to provide the ISS Principal Investigators (PI's), Project Scientists (PS's), and Payload Developers (PD's) with a turn-key method of access to and utilization of the ISS National Lab
 - Experiment packaging / hardware development
 - Payload Integration (analytical and physical)
 - Flight Operations (Training, Procedural and Data acquisition)
- Astrium-NA is working collaborative efforts to enhance the ISS facilities in both the pressurized and un-pressurized environments with an interest in providing science and forward flagship technology a means to efficiently perform experiments and demonstrations.
- Astrium-NA is in close relationship with the EADS-Astrium European sister companies and the significant associated expertise and assets.

Advantages of Astrium-NA

- Experienced staff
 - Reduces cost via lower head count
 - Minimizes program/performance risk
- Access to foreign technology & expertise with minimal export compliance impact.
- Commercial approach including fixed price option for hardware and services
- Efficient corporate structure for rapid and agile response to customer needs
- Hardware processing facility and staff in Cape Canaveral Florida
- Extensive external payload/carrier experience

Contacting Astrium-NA

- Visit our website at www.astrium-na.com

- Visit our offices

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Or

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- Contact Astrium-NA directly

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