

NASA MARSHALL SPACE FLIGHT CENTER - JOINT COUNSELING SESSION

ATEC, INC.

Brian Durbin

Vice President & Chief Development Officer

NOVEMBER 14, 2023



Background

COMPANY NAME:	Atec, Inc.	ADDRESS:	12600 Executive Dr. Stafford, Texas 77477
OWNER:	Howard F. Lederer	CONTACT NAME:	Brian Durbin
EMAIL:	BDurbin@Atec.com	YEARS IN BUSINESS:	70 Years
CAGE CODE:	09552	DUNS NUMBER:	026595124
WEB SITE:	https://www.atec.com /	NAICS CODES:	336413, 336414, 336415, 336419, 332721, 332710, 336411, 339999, 541330



ENTERPRISE WIDE

**Aerospace Support Business since
1953**
Headquartered in Stafford, TX

Serve Aerospace Market

- Design
- Manufacturing
- Testing/Qualification
- Worldwide Integration Services

Customers include all OEMs, NASA, DOD and FMS

\$120M

ANNUAL SALES

450+

EMPLOYEES

450,000

**SQUARE FEET
ON 50 ACRES**

10

LOCATIONS

Stafford TX - Sealy TX - Houston TX - Carlsbad
NM - Oklahoma City OK - Minneapolis MN -
Dayton OH - Camberley UK - Dubai UAE -
Singapore



QUALITY ASSURANCE



AS9100:2016 Rev. D





KEY QUALIFICATIONS

We are geared to support the Aerospace Primes



AS9100D &
ISO 9001 Certified



ITAR/CUI Fluent



CMMC 2.0 Level 2 in
process (Atec SPRS score
104 out of 110 for Level 2)



Enterprise-wide
ERP System (Global
Shop)



Project
Management
Office



Approved Government
Contracting and
Accounting System
(Certified for Time & Materials/
Cost Plus Government Contracts)



ATEC, INC. KEY CAPABILITIES

✦ Design to Spec, Build to Spec, Build to Print

- Detailed Manufacturing review for cost savings / build efficiency
- Engine Test Facilities, Automated Test Systems, Test Benches, Legacy System Upgrades, Technology Refreshment

✦ Manufacturing for new and legacy programs

○ Machining Services

• Small to Medium Format CNC

- 3 to 9 axis Milling / Turning Centers

• Large Format Machining – CNC and Manual

- VTL up to 18 ft diameter , 9-Axis 5'x10' Waterjet

○ Fabrication / Welding / Rolling / Press

- MIG, TIG, Sub-Arc, Stick
- Multiple Crane Served Bays

○ Blast and Paint

○ Electro-mechanical Assembly & Test

- Cables, Harnesses, Cable Braiding, PCBs, DAQ/PLC Systems, Instrument Assembly

✦ Inspection- CMM's, Romer Arms, Clean Rooms, Tool Calibration program

✦ High Pressure Test Facility, Cryogenic Test Facility

✦ Engineering Services

- Design, Analysis, Documentation, Test, Training

✦ Field Services

- Installation, Troubleshooting, Repair, Refurb



LARGE FORMAT (VTL) MACHINING



Toshiba TSS-30/55C(S) CNC VTL Boring, Turning & Milling Center

- **118" Table Diameter**
- **216" Maximum Swing**
- **44,000lb. Maximum Table Load**
- **102" Under Rail Height**
- **59" Vertical Ram Travel**
- **78" Cross Rail Travel**
- **9" X 9" Ram Size**
- **2-100 RPM Table Speed**
- **CAT50 Live Tooling, 2000 RPM**
- **FANUC 31i Control**
- **Renishaw Automatic Measuring Touch Probe**



MARKETS SERVED

Spaceflight Services

- ✈ Precision Manufacturing of rocket engine components
- ✈ Cryogenic Flow Testing of propulsion components
- ✈ Manufacturing, assembly and test of flight components
- ✈ Proud supplier of ISS programs
- ✈ Recently on 3 areas of the SLS Rocket in support of Artemis 1 Mission for ULA





Atec named NASA JSC & Agency Small Business Subcontractor of the Year 2016



Atec is proud to be selected as
NASA's National Small Business Subcontractor of the Year - 2016!



Atec
Atec, Inc.



Celtech
The Link Company



Hager
Franklin, Mass. Company



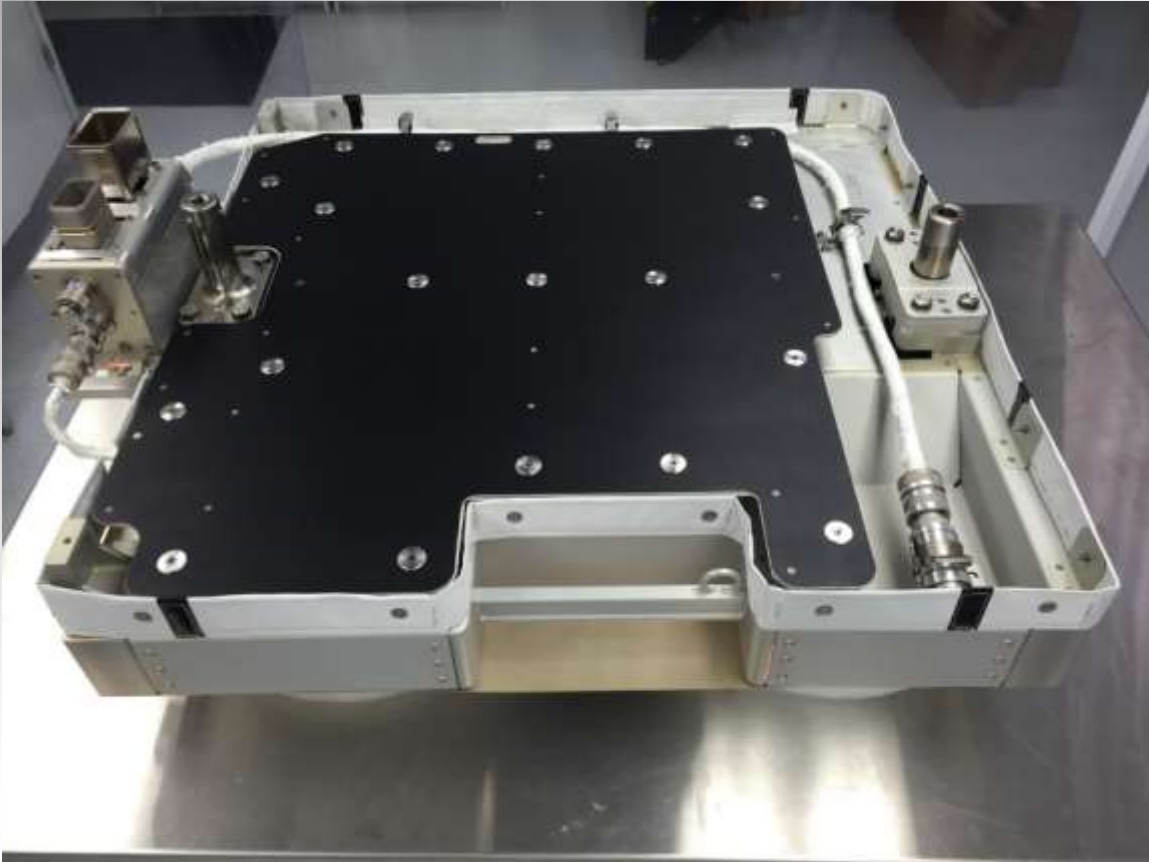
Vital Link
St. Louis Company



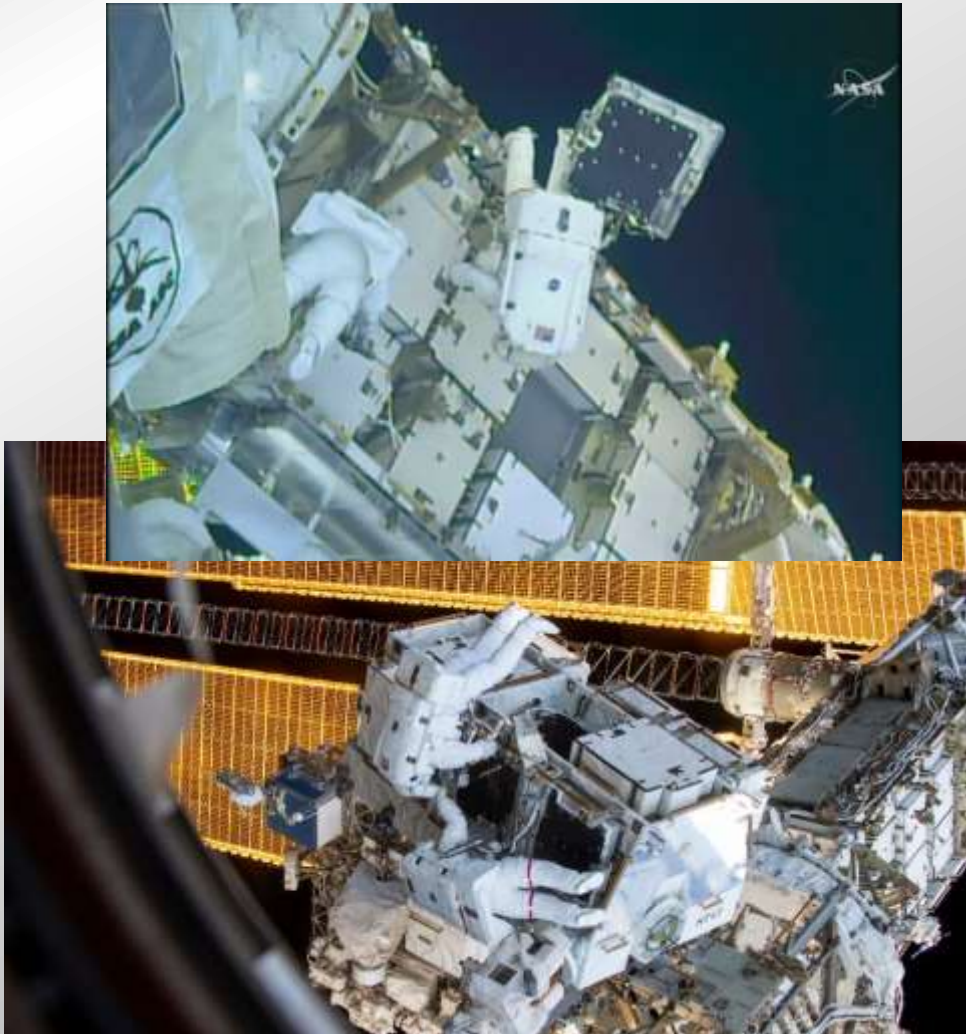
Vital Link
Europe Ltd



ELECTROMECHANICAL ASSEMBLY



27 Battery Adapter Plates delivered in support of ISS





SPACEFLIGHT ASSEMBLY

Three Cleanroom Facilities



Oxygen Service Cleanroom

Class 10,000 / ISO 7 Certified

Used for Oxygen Service valve assembly

Class 100 Capable



High Pressure Test Cleanroom

Class 100,000 / ISO 8 Certified

Proof/Leak/Flow test at 20ksi for clean components

ISS Controlled Work Area

Class 100,000 / ISO 8 Particulate

Used for flight component assembly and test



MISSION EXPERIENCE

Continuous Production of Flight Components for the Past 25 Years

Major Programs Supported:

- Vulcan
- Atlas / Delta
- ISS
- CST-100
- Starliner
- Orion
- SLS - Artemis



Atlas & Delta Rocket Valves Since 1997



SPACEFLIGHT COMPONENTS



ISS WORF Linear Actuator



SLS Access Door Assembly



CST-100 Starliner Diode Box

LAUNCH VEHICLE COMPONENTS



Door / Hatch Assemblies



CONTACT US

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