

# HOW UNUSUAL IS IT TO NO



ILC Dover has maintained a continuous presence since the early 1960's. With personnel located on and around NASA's Johnson Space Center (JSC), we have continually supported space suit and ancillary equipment development, and now with a new satellite facility located ½ mile from the JSC front gate.

We specialize in engineered soft good solutions for a variety of demands. Whatever your need, our innovative staff will work with you directly to tailor the ideal solution.

It is our pleasure to collaborate on creating what's next.



**ILC DOVER**  
*creating what's next* ▶▶

# ILC Dover HOUSTON



# HOUSTON

ILC Dover is fully equipped in a vast number of areas to provide you outstanding service, whatever your requisite may be. We have been crafting our talent for decades to ensure that you are provided with the highest quality service, each and every time.

Whether it is design, manufacturing, or risk assessment you are looking for, we are not only able to meet your needs, but surpass them.

## Our Full Capabilities

- ▶ **Requirements Definition**  
Work with existing requirements or assist you in defining them
- ▶ **Prototyping**  
Rapid response prototyping  
Able to refine an ideal solution  
Training and flight
- ▶ **Systems Engineering and Integration**
- ▶ **Anthropometry and Subject Suit Sizing/Comfort**
- ▶ **Design**  
Experience with a wide range of precision sewn fabrics  
Metallic and non-metallic materials  
RF heat sealed or cemented films and bladders
- ▶ **Risk Assessment**  
FMEA and CIL
- ▶ **Development**
- ▶ **Evaluation and Test**  
Manned suited and unmanned evaluations for early in-use product feedback  
Experienced in design of test to identify product strength and endurance challenges  
Work with customers to adapt products for optimum performance
- ▶ **Certification**
- ▶ **Test and User Readiness Reviews (TRR/URR)**
- ▶ **Manufacturing**
- ▶ **Manifesting**



ORU Tool Kit

# STON



Deployable/  
Inflatable  
Habitats

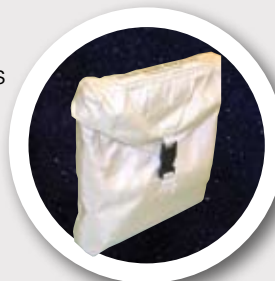
## Products and Services We Offer

- ▶ **Launch Packaging**
- ▶ **Maintenance and Processing for Training and Flight**  
Processing requirements definition  
Procedure and user manual development  
Training and Mentoring
- ▶ **Failure Analysis**  
Real-time troubleshooting and fault isolation  
Root Cause and Corrective Action
- ▶ **Product Support**  
On site standard and non-standard (MRB) repair
- ▶ **Real-time Mission Support**

- ▶ **Space Suits/Pressure Suits**
- ▶ **EVA Ancillary Equipment**  
In-Suit, Crew-Worn Items (from thermal comfort to eye glass retention)  
Adjustable Thermal Mittens
- ▶ **Soft Goods for On-Orbit Use**  
EVA Equipment Bag  
ORU Tool Kit  
EMU Servicing Kit  
CTB Mockups  
Padded Covers and Pouches for hardware protection from dust or damage
- ▶ **Deployable/Inflatable Habitats, Airlocks and Tunnels**



Adjustable  
Thermal  
Mittens



Padded Pouches



Space Suits



EVA Equipment Bag

EMU Servicing Kit



Padded Covers

# HOUSTON



## **ILC Dover - Houston**

2045 Space Park Drive  
Suite 280  
Houston, TX 77058  
United States of America

**[www.ilcdover.com/houston](http://www.ilcdover.com/houston)**

Don Lacey  
*Business Manager*

**PH** 832 428-4395

**EM** donald.lacey-1@nasa.gov

David Graziosi  
*Chief Engineer*

**PH** 281 974-0014

**EM** grazid@ilcdover.com

ILC Dover has been "*creating what's next*" for over 60 years.

To "*create what's next*" ILC Dover listens to its customers. Our skilled engineering staff, building on years of experience with NASA, military, and commercial customers, translates those needs into high performance products. We look forward to hearing from you so we can continue to "*create what's next*".



**ILC DOVER**  
*creating what's next* ▶▶