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OUR VISION: ILC Dover will continue to be the top global provider of spacesuits and space inflatable products through the incorporation of innovative technologies and storied experience that differentiates ILC Dover from its competition.

OUR ORGANIZATION:

The spacesuits designed and manufactured by ILC Dover have been worn for more than 250 space flights, six Moon landings, and over 3,000 hours of spacewalks without a single failure. As the provider of spacesuits for NASA since Apollo, ILC Dover, continues to advance as the leader of space engineered softgoods by developing inflatable habitat systems and landing airbags, and providing critical protection to astronauts and aircraft through highly technical and operational expertise. ILC Dover is at the pinnacle of the commercial aerospace industry with its protective and maximum mobility Extravehicular Activity (EVA) and Launch, Entry, and Abort (LEA) spacesuits.

OUR HISTORY:

For more than five decades, ILC Dover has continued to be the number one engineered softgoods supplier to NASA for key missions, developing spacesuits for astronauts in the Apollo program, the Space Shuttle program, the International Space Station, and the landing airbag systems for taking rovers to Mars. As the aerospace industry expands commercially, ILC Dover remains the trusted leader in softgoods for both government and private organizations.

SPACESUITS



ILC Dover’s advanced Astro™ Extravehicular Activity (EVA) spacesuits consist of an innovative, lightweight and flexible design which protects astronauts floating in space or walking on a lunar or planetary surface to perform maintenance and science missions. This standard-setting suit is engineered for maximum mobility, environmental protection, ease-of-use, and optimal fit in zero and low gravity environments. NASA has chosen ILC Dover’s Astro™ design as its next generation EVA spacesuit for the International Space Station.

ILC Dover’s cutting-edge Sol™ Launch, Entry, and Abort (LEA) spacesuits set the standard for the next generation of LEA suits with purpose-built comfort, reliability, and mobility to protect travelers during mission-critical stages of traveling into space and returning to Earth’s atmosphere. This spacesuit is customized to fit each spacecraft’s needs during nominal launch and entry or in emergencies. Sol™ will be used as the LEA spacesuit for the Boeing CST-100 Starliner.

INFLATABLE HABITATS

Paving the way to a low Earth orbit economy, ILC Dover is the leading developer actively creating inflatable habitat systems. These systems are critical to orbiting space stations and long-term habitation modules for the Moon and Mars. In collaboration with NASA and other commercial space companies, ILC Dover is leveraging these state-of-the-art soft habitat systems that are lighter and easier to launch and deploy for long-term lunar and planetary exploration.

LANDING BAG SYSTEM

ILC Dover’s Landing Bag Systems are lightweight and compact impact bags. They provide soft and safe land or water landings for humans and payloads on Earth, the Moon, and Mars. Designed for the historic Mars Pathfinder and Mars Explorer Rover missions to safely deliver rovers to Mars, these Landing Bag Systems enable exploration both on the Moon and on Mars. Today, these landing bags are a key component of the Boeing CST-100 Starliner airbag system, providing safe landings for the spacecraft during any phase of flight.