
Environmental Control and Life Support Subsystem (ECLSS) CST-100 Starliner



Collins Aerospace provides major components of the Environmental Control and Life Support Subsystem (ECLSS) for the Boeing CST-100 Starliner.

Collins Aerospace

Description:

Collins Aerospace Systems, a unit of United Technologies Corp. (NYSE: UTX), is a leader in technologically advanced and intelligent solutions for the global aerospace and defense industry. Created in 2018 by bringing together UTC Aerospace Systems and Rockwell Collins, Collins Aerospace has the capabilities, comprehensive portfolio and expertise to solve customers' toughest challenges and to meet the demands of a rapidly evolving global market.

Support for Boeing CST-100 Starliner Program:

Collins Aerospace provides an Earth-like atmosphere for the astronauts as they travel in the Starliner. Components of the ECLSS include the air revitalization and pressure control systems made up of cabin fans, heat exchangers, carbon dioxide removal, trace contaminant control, valves, regulators and smoke detection. Also included is an active thermal control system that maintains the cabin at optimal temperatures as the vehicle is subjected to the extreme temperatures of space. All of the components are compact and lightweight to meet the unique requirements of the spacecraft.

To learn more about Collins Aerospace, download the [company factsheet](#).

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Contact:

Robert Edilson
Public Relations & Communications
319.263.4735
robert.edilson@collins.com