

Parker Aerospace nacelle technology

is based on a pedigree of nearly a century of experience and support for the key engine platforms in the world’s aerospace industry. There are few companies today that can provide a product line as broad as that offered by Parker.

We’d like to show you how Parker Aerospace nacelle systems and components work perfectly to meet the requirements of the nacelle environment. And deliver standout performance every time.



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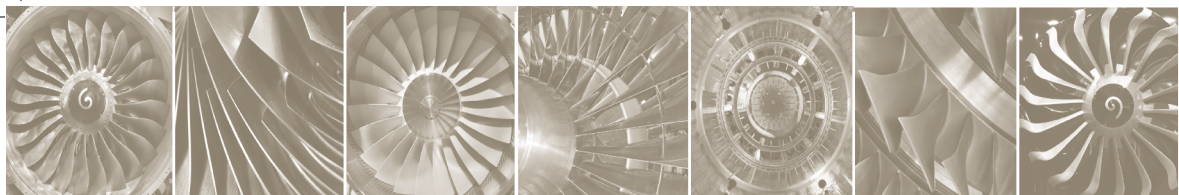


Stand-out performance

Providing expert technology capabilities for nacelle applications

Actuators | Engine build units | Hoses | Anti-ice valves | Seals





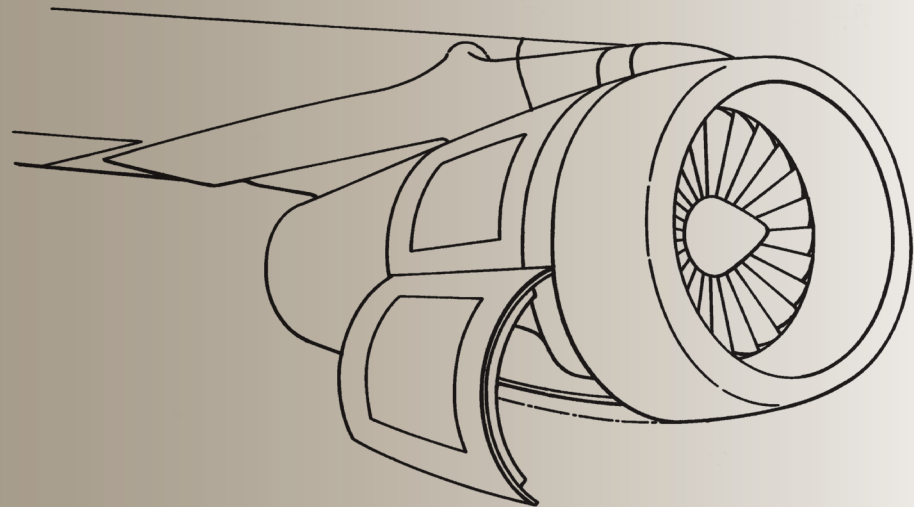
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Nacelle equipment capabilities

Addressing the unique environment of the engine nacelle

The engine nacelle environment is unique on an aircraft. Technically considered part of the airframe, the nacelle and its related equipment are often subject to the same harsh conditions experienced on the engine.

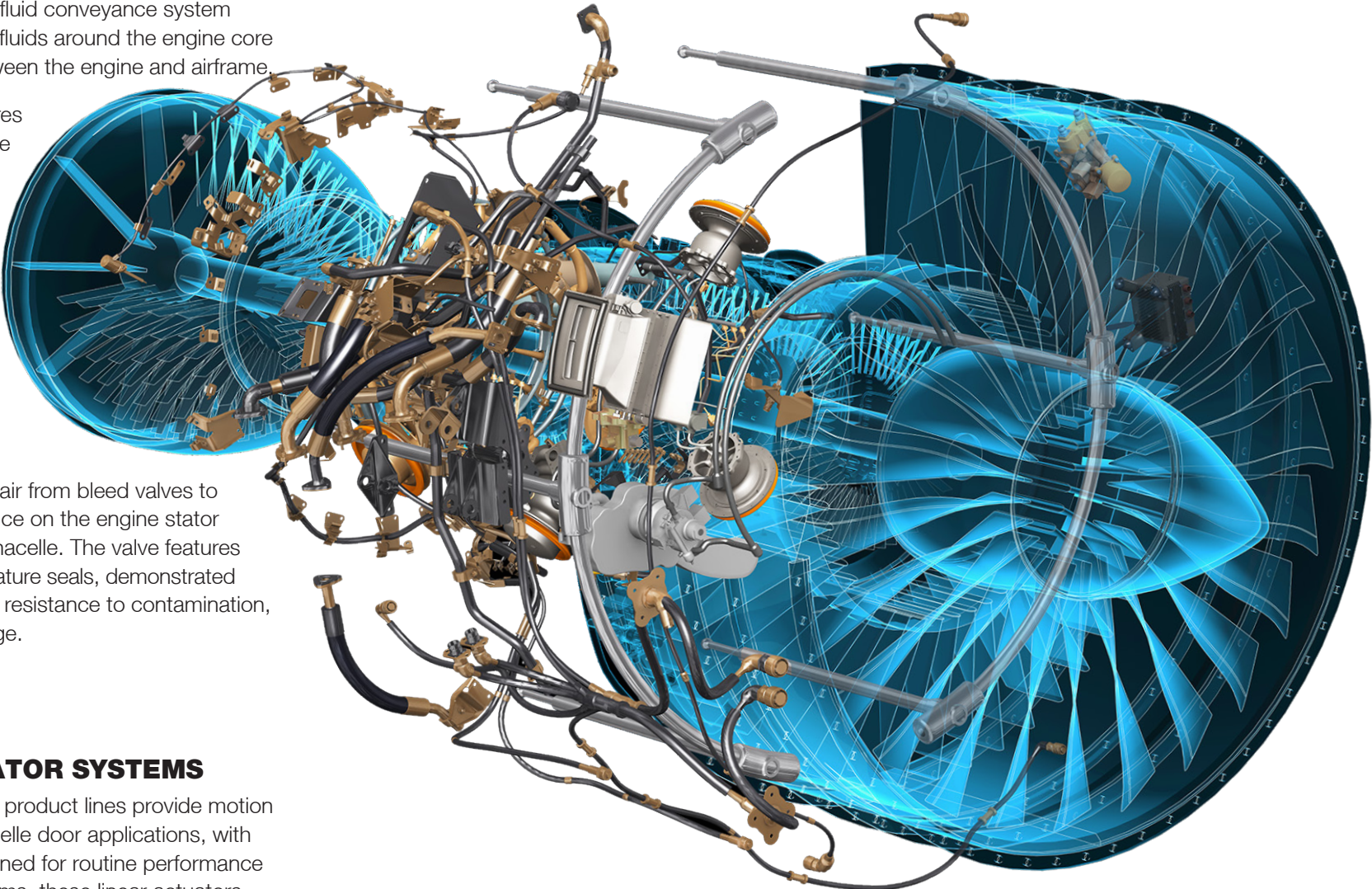
Parker Aerospace nacelle and engine products incorporate the continuous technology advances that are developed as part of our role as the industry's leading systems and technology supplier in fuel, fluid conveyance, actuation, and thermal management.



■ HYDRAULIC & FUEL ENGINE BUILD UNITS

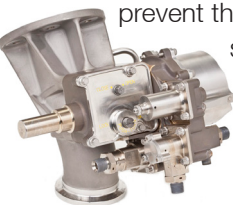
The engine build unit (EBU) is the fluid conveyance system that distributes fuel and hydraulic fluids around the engine core and serves as a fluid-line link between the engine and airframe.

The Parker Aerospace EBU features high-strength, fire-resistant, flexible materials and quick-disconnect couplings that replace rigid lines, easing installation and facilitating maintenance procedures, while improving system reliability.



■ ANTI-ICE VALVES

Parker's anti-ice valve uses warm air from bleed valves to prevent the formation of ice on the engine stator section or the nacelle. The valve features high-temperature seals, demonstrated high reliability, resistance to contamination, and low leakage.



■ THRUST REVERSER & NACELLE DOOR ACTUATOR SYSTEMS

Parker Aerospace linear actuation product lines provide motion control for thrust reverser and nacelle door applications, with force up to 35,000 pounds. Designed for routine performance in both 3,000 and 5,000 psi systems, these linear actuators can operate in temperatures as low as -65 degrees F and as high as 275 degrees F.

