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Mainstream Engineering Awarded a Contract from the US Naval Air Warfare Center for Multi-Seal Blind Installation Fittings (MSBI).

ROCKLEDGE, FL — December 20th, 2023 — Mainstream Engineering Corporation has been awarded a contract from the US Naval Air Warfare Center for Multi-Seal Blind Installation Fittings (MSBI).

The Navy has a need for new fitting technology to reduce the likelihood of incorrect installation causing leaks and resulting in aircraft downtime and increased maintenance costs. A fitting that provides positive indication of correct installation during blind installations will prevent leaks by allowing operators to confirm successful fitting attachment. To address this need, Mainstream has developed an improved fluid fitting design that not only seals high pressure aircraft fluids, but also provides a method of verification of correct installation even in blind installations. Mainstream's new family of fittings combine successful features from across the hydraulic fittings industry into a single package to provide reliable high pressure fluid sealing with a simple installation and maintenance procedure. This will improve the reliability of current aerospace fittings by simplifying the installation and supplying a means for verifying correct installation of fluid carrying connectors. The improved design will reduce aircraft downtime due to fluid leaks caused by improper installation of fittings. The overall safety of Naval aviation will be increased through the use of this fitting design by preventing loss of fluid in critical components. Additionally, the commercial hydraulic fittings market would benefit from a robust and easy to install fitting.

About Mainstream Engineering Corporation

www.mainstream-engr.com

Mainstream Engineering Corporation is a 37-year-old Brevard County, Florida manufacturer with a history of leading-edge research and development that has resulted in advanced cost-competitive products, which are made in the USA. Founded in 1986,

Mainstream's mission is to transition advanced R&D into high-quality, environmentally-safe, green, commercial products using lean manufacturing techniques. Areas of research include thermal control, energy conversion, power electronics, biomass conversion, chemical technology and materials science.

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