

Engine PMA Parts and DER Repair Market Research Report By Type (PMA Parts and DER Repair), By Parts Type (Combustion, Turbine, Compressor, Fuel System, Exhaust System, Thrust Reverser, and Others), By Engine Type (CFM56-5B, CFM56-7B, GE90, V2500, CF6, CF34, PW2000, PW4000, JT8D, JT9D, and Others), By End User (Commercial Aviation and General & Business Aviation), and By Region (North America, Europe, Asia-Pacific, Middle East & Africa, and Latin America) Market Forecast Till 2032

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Market Overview

In 2022, the market size for engine PMA parts and DER repair was estimated to be USD 2,952.2 million. The Engine PMA Parts and DER Repair market industry is anticipated to experience a compound annual growth rate (CAGR) of 7.5%, increasing from USD 3,232.0 Million in 2023 to USD 6,174.7 Million by 2032. In recent years, the aerospace and aviation industry has offered alternatives to original equipment manufacturer (OEM) parts and repair services, resulting in a steady growth and evolution of the engines PMA (Parts Manufacturer Approval) and DER (Designated Engineering Representative) repair market. These cost-effective solutions do not compromise quality or safety.

The global aviation industry is currently facing a significant challenge as aging commercial aircraft disclose unforeseen issues that

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were previously unnoticed until tragic accidents occurred. The Joint Council on Aging Aircraft (JCAA), a joint civil-military organization in the United States, has been at the forefront of addressing the repercussions of aging aircraft problems, particularly those related to structures. As a result of the acknowledgment of these safety concerns, airworthiness jurisdictions worldwide are currently in the process of actively devising preventive interventions to guarantee the sustained safety of older aircraft.

Market Segment Insights

PMA Parts and DER Repair are included in the Engine PMA Parts and DER Repair Market segmentation, which is based on type. The Engine PMA Parts and DER Repair Market segmentation is categorized by Parts Type and includes Combustion, Turbine, Compressor, Fuel System, Exhaust System, Thrust Reverser, and Others.

The Engine PMA Parts and DER Repair Market segmentation is categorized by engine type, including CFM56-5B, CFM56-7B, GE90, V2500, CF6, CF34, PW2000, PW4000, JT8D, JT9D, and Others.

The Engine PMA Parts and DER Repair Market segmentation is as follows: Commercial Aviation and General & Business Aviation, based on the End User.

Regional Perspectives

North America demonstrated its leadership in the Engine PMA parts and DER repair market in 2023 by securing the largest share at 40.22%. This achievement is a testament to the region's critical position in the Engine PMA parts and DER repair market. Supported by an anticipated compound annual growth rate (CAGR) of 5.9%, North America's trajectory indicates substantial development in the years ahead.

Additionally, North America serves as the focal point for numerous significant market participants that specialize in the repair of DERs and PMA parts for engines. The region's strategic advantage is derived from its indigenous expertise and infrastructure, as well as its market dominance.

North America's impact on the Engine PMA Parts and DER Repair Market landscape is unparalleled as it continues to lead the way in engine technology and aftermarket services. By embracing technological innovation, fostering collaborative initiatives, and leveraging its market leadership, North America is well-positioned to establish a path of sustained growth and prosperity in the Engine PMA parts and DER repair market for years to come.

Major Players

HEICO Corporation, Continental Aerospace Technologies, Chromalloy, AIRFORMS INC., Jet Parts Engineering, Meggitt Plc. (Parker-Hannifin Corporation), PMA Aeroparts, LKD Aerospace, The Timken Company, Airgroup America, Inc., Aviation Component Solutions, and Superior Air Parts are among the key companies in the Engine PMA Parts and DER Repair market.

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