

# **Global Commercial Aviation Turbofan Engines Market - Annual Outlook - 2017 - Market & Technology Trends, Issues & Challenges, Opportunities, Drivers & Constraints, Market Outlook**

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## **Abstracts**

The Global Commercial Aviation Turbofan Engines Market has witnessed a surge in the development of new engines by the industry over the recent years after a long hiatus spanning across decades with the latest engines promising optimized operating economics, enhanced performance and reduced noise & emission levels. The narrow body aircraft segment in 2016 witnessed the entry into service of two all-new engines for the first time in almost 30 years with commercial aviation in the middle of its second golden age marked by record & burgeoning order backlogs for new aircraft programs across most industry OEMs, rapid growth in passenger traffic and growing airlines profitability aided by a favorable oil price environment.

The global commercial aviation turbofan engines market, dominated traditionally by CFM International in the narrowbody aircraft segment and by GE & Rolls Royce in the widebody aircraft segment, faces disruption with Pratt & Whitney making a comeback to the commercial aviation segment with its Geared Turbofan engine technology powered PW1000G engine family backed by over 3 decades of research and over \$10 billion in investments. Pratt & Whitney has in-fact been able to make some inroads into the market having established its presence on the A320neo as an engine option and having captured a number of key regional jet programs, led by the Bombardier's C-Series, Mitsubishi's MRJ and Embraer's E2 Jets. CFM's renewal of its core engine portfolio in nearly 4 decades with the roll out of LEAP engine family, to take on Pratt & Whitney on its comeback trail, has further intensified the competition in the narrow body aircraft segment. The battle for supremacy amongst Pratt & Whitney's GTF and CFM's LEAP in the narrow body aircraft segment; which accounts for over half of total global turbofan

engine deliveries in unit terms; is likely to be fought fiercely and will be the key to shaping emerging market dynamics over medium term with both competing engine families having successfully entered service in 2016.

The wide body aircraft market, on the contrary, is moving towards regional polarization with GE gaining exclusive powerplant status on the Boeing 777X program and Airbus doing the same over the A330neo & A350XWB aircraft programs with Rolls Royce's Trent 7000 & Trent XWB engines respectively. The wide body aircraft market, too, is poised for disruption over medium term with Boeing actively planning & exploring the market for the introduction of a new middle of the market aircraft program, Rolls Royce developing its next generation of wide body aircraft engines based on geared turbofan engine technology and Pratt & Whitney planning a foray into the wide body aircraft segment over medium term with a bigger GTF engine core.

The long term view of the market remains highly optimistic with demand projections indicating towards robust demand growth for new commercial aircrafts through the mid-2030s though some pressures on order intake over near term might appear for the OEMs in 2017 as the industry focuses on delivering on the burgeoning backlog. The near to medium term outlook for engine manufacturers, however, is bright & shiny, spearheaded by the commercial aviation sector, which is poised for steady growth through the mid-2030s with demand growth projections indicating towards robust demand growth for new commercial aircrafts through 2035 led by the Asia-Pacific region.

Against this backdrop, the report provides comprehensive analysis into the global commercial aviation turbofan engines market with the introductory section of the report analyzing Key Market & Technology trends likely to shape the future of regional aviation. Subsequent sections provide insights into latest market developments, issues & challenges and emerging growth opportunities which could be leveraged by the industry value chain followed by an insightful analysis of market drivers & constraints. The report concludes by analyzing market evolution likely over medium term and projecting demand outlook for commercial aviation turbofan engines over near to medium term.

Relevance & Usefulness: The report will be useful for:

Inputs for Strategic Planning, Assessment & Decision-Making Processes

Identification of & Insights into Potential Growth Opportunities & Avenues

Near to Medium Term Market Outlook, Inputs on Market Evolution & Growth Projections

Analysis of Emerging Market, Sector-specific & Technology Trends

Contingency planning for current Strategies & Programs

Identifying & highlighting areas for making potential Strategic Changes, Adjustments & Realignment

Analysis of Forces Driving as well as restraining the Industry & their overall Dynamics

For Whom: Business Leaders & Key Decision-Makers across Industry Value Chain

The report will be essential for Key Decision-Makers & Senior Industry Executives. The report will be especially useful for Program Managers, Procurement Managers, Airlines, Top Management of Industry Players & Other Companies, Industry OEMs, Suppliers, Vendors, MRO Services Providers, Technology & Other Services Solutions Providers and other Key Players in the Industry Value Chain. The report will also be useful for existing & potential Investors, Industry & Company Analysts, M&A Advisory Firms, Strategy & Management Consulting Firms, PE Firms, Venture Capitalists, Financing & Leasing Companies, Researchers and all those associated with the industry.

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