

# Annual Strategy Dossier - 2021 - Global Top 4 Commercial Aircraft Turbofan Engine Manufacturers Pratt & Whitney, Rolls Royce, GE Aviation, Safran

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## **Abstracts**

The 2021 annual edition of the Strategy Dossier report analyses the overall Strategy Focus and provides Key Insights into the Strategies & Plans being conceptualized & pursued by the Global Top 4 Commercial Aviation Turbofan Engine Manufacturers for the near to medium term horizon. The Global Commercial Aircraft Turbofan engines market has been in a marked downswing phase following the decimation of commercial aviation by the global outbreak of COVID-19 pandemic in early 2020 followed by the closing down of international borders and imposition of restrictions on international travel impacting passenger air traffic severely across most parts of the world following a decade of continued airlines profitability. The prevailing scenario has impacted the aviation turbofan engine manufacturers significantly with airlines deferring aircraft deliveries and fleet utilization & MRO activity taking a direct hit as well.

Amongst engine manufacturers, GE and Rolls Royce have been the most impacted given that the global wide body aircraft market has been the worst affected by the pandemic and both GE as well as Rolls Royce have been entrenched almost as a duopoly in the high thrust engines segment powering the wide body market. The EIS of GE's 9X engine program, which is going to power the Boeing's 777X, has been deferred by a year to 2022 while the deliveries of 787 have been on hold over production quality issues while the A380 & 747 programs have almost reached the end of their lifespan with Airbus and Boeing announcing end of production and their retirements from airlines' fleets accelerated by the pandemic. Rolls Royce's ongoing concern with the quality issues on the Trent 1000 have been compounded by the continued weakness in the wide body market since 2015 with the market preference shifting towards longer range narrow bodies for long haul operations on thin routes spearheaded by the advent of A321neo LR & XLR variants. The issues have been



further exacerbated by Rolls Royce's complete exit from the narrow body market earlier. In the narrow body segment, the head-on battle for domination amongst Pratt & Whitney and CFM International continues amid ongoing pandemic woes with Pratt & Whitney's strong presence in the military aviation segment likely to provide it a strong cushion against the ongoing carnage in commercial aviation while arch-rival CFM International will have to weather the storm.

The ongoing market downturn is likely to delay the development of next generation engines and sustainable propulsion technologies as well, led by the electric & hybrid-electric propulsion technologies, by the engine primes going forward with the industry likely to operate in the survival mode over near term. The development of Rolls Royce's next generation Ultrafan engine is likely to be halted temporarily in 2022 owing to market downturn and any of the aircraft OEMs unlikely to initiate any new or re-engined aircraft programs over near term. However, the upcoming supersonic aircraft programs may turn out to be a kind of silver lining for the industry with GE Aviation powering two key, upcoming programs from Aerion and Boom respectively.

Against this rapidly evolving industry and market backdrop, the report provides a comprehensive analysis on the Global Top 4 Aviation Turbofan Engine manufacturers starting with a detailed business and financial snapshot, incorporating charts, tables and analysis based on latest financial statements. An insightful & comprehensive SWOT framework analysis is also provided. The report also incorporates analysis & review of key market, technology & industry trends along with issues & challenges which are likely to impact and shape industry's future over near to medium term. The report also identifies key driving & restraining forces for the industry & assesses their potential degree of impact through a force field analysis. The report concludes by providing a comprehensive market outlook on the Global Commercial Aircraft Turbofan Engines market with overview of demand projections across aircraft segments & key geographic markets & regions over medium term.

Relevance & Usefulness: The report will be useful for:

Strategic Planning & Decision-Making process

Analysis of Near to Medium Term Strategy Focus and Key Strategies & Plans

Identification of & Insights into Potential Growth Opportunities & Avenues for the Long Term



Market Evolution & Demand Growth Projections over Next Decade

Assessing potential impact of emerging Market Trends & Developments

Contingency planning for current Strategies & Programs

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

Strategic Perspective on the near-term Business & Strategic Outlook for Commercial Aviation

Demand Forecasts for Commercial Aircrafts & Turbofan Engines through 2039

#### For Whom:

The report would be quintessential for those having strategic interest & stakes in the Global Commercial Aviation/Propulsion Market. The report will be extremely useful for Key Decision-Makers, Program Managers, Global Procurement Managers, 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/sector. The report is comprehensive yet concise & compact at the same time; is custom-built for meetings & presentations, being built on the Microsoft PowerPoint platform; in addition, to being a ready self-reckoner as well as a quick reference guide driving, enabling & ensuring prompt and informed decision making.



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