

Global Aircraft Engine Market: Analysis By Technology (Conventional & Hybrid), By Platform (Fixed Wing Aircraft Engine, Rotary Wing Aircraft Engine, and Unmanned Ariel Vehicles), By Engine Type (Turbofan Engine, Turbojet Engine, Piston and Turboprop Engine and Turboshaft Engine), By Technology (Combustor, Turbine, Compressor, Fan, Mixer and Nozzle), By End User (Commercial Aviation and Military Aviation), By Region, Size and Trends with Impact of COVID-19 and Forecast up to 2028

June 2023



Global Aircraft Engine Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Analysis

Impact of COVID-19

Dynamics

Competitive Landscape

Company Profiling

Global Aircraft Engine Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Aircraft Engine Market: Analysis By Technology (Conventional & Hybrid), By Platform (Fixed Wing Aircraft Engine, Rotary Wing Aircraft Engine, and Unmanned Ariel Vehicles), By Engine Type (Turbofan Engine, Turbojet Engine, Piston and Turboprop Engine and Turboshaft Engine), By Technology (Combustor, Turbine, Compressor, Fan, Mixer and Nozzle), By End User (Commercial Aviation and Military Aviation), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028
Coverage	Global and Regional
Regional Coverage	North America, Europe, Asia Pacific, ROW
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Consolidated
Key Players	Honeywell International Inc., General Electric Company (GE Aerospace), Raytheon Technologies Corporation, MTU Aero Engines AG, Safran SA, Rolls-Royce Holdings Plc. and Textron Inc.

Global Aircraft Engine Market: Coverage

Executive Summary

An aircraft engine is the piece of the drive framework for an airplane used to produce mechanical force. In an Aircraft Engine, the air is attracted at the front through a channel, compacted by a fan, blended in with the fuel, combusted, and afterward terminated out as a hot, quick exhaust at the back, which impels the plane forward. Every aircraft aside from some half-breed or sun-based fueled aircraft utilize some type of mechanical motor for its impetus. An assortment of aircraft engines is accessible for various end-use applications airplanes including, traveler, load, military, and aviation applications. The global aircraft engine market was valued at US\$80.09 billion in 2022 and is expected to be worth US\$123.88 billion in 2028.

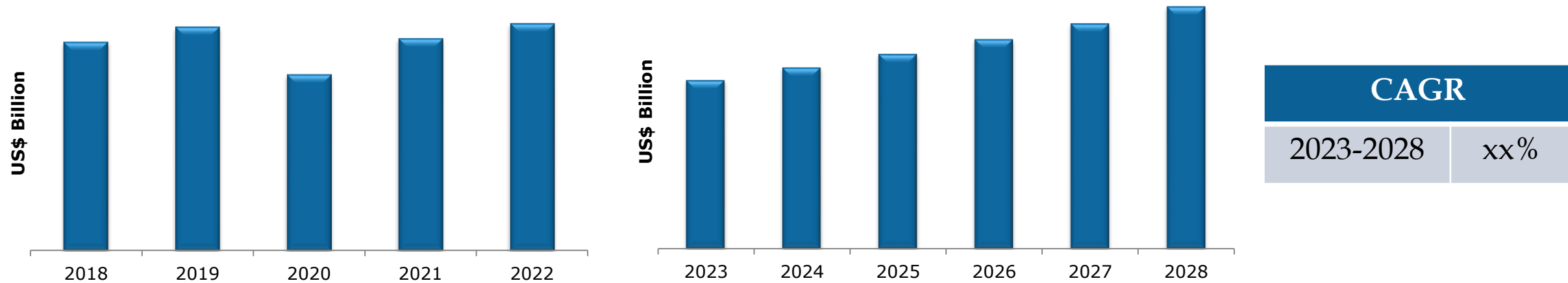
Global aircraft engine market can be classified on the basis of technology (conventional & hybrid), platform (fixed wing aircraft engine, rotary wing aircraft engine, and unmanned ariel vehicles), engine type (turbofan engine, turbojet engine, piston and turboprop engine and turboshaft engine), component (combustor, turbine, compressor, fan, mixer and nozzle), and end user (commercial aviation and military aviation). In 2022, the conventional engine segment held the largest market share owing to the increasing adoption of the conventional engine in current commercial and military aircraft.

The COVID-19 pandemic had a profound impact on the aircraft engine market. The global aviation industry experienced a significant decline in air travel demand due to travel restrictions and reduced passenger confidence. This led to a decrease in the need for new aircraft and subsequently affected the demand for aircraft engines. Delays in aircraft deliveries disrupted the supply chain, leading to postponed or canceled engine orders.

Global aircraft engine market is expected to show a significant growth during the forecasted period, i.e. from 2023 to 2028. The growth can be attributed to increasing defense budget, growing airline capacity, growth in cargo operations, surge in adoption of cost effective and fuel efficient aircraft, increasing commercial aircraft deliveries and introduction of new fuel efficient engines and aircraft models. However, some challenges are also impeding the growth of the market such as high upfront investments with long-term payback, technological complexity and huge entry barriers.

Aircraft Engine Market: Global Analysis

Global Aircraft Engine Market by Value



Global aircraft engine market valued at US\$... billion in 2022, increased as compared to US\$... billion in 2021. The market is anticipated to reach up to US\$... billion by 2028, at a CAGR of%, from US\$... billion in 2023.

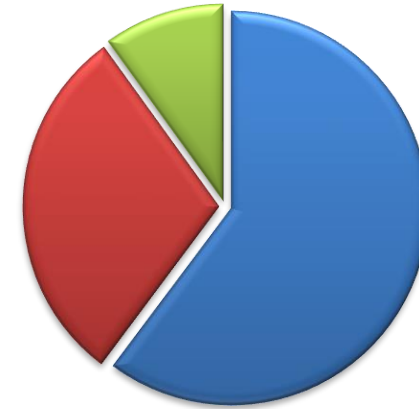
Aircraft Engine Market: The Global Analysis

Global Aircraft Engine Market by Technology; 2022



Technology	Share
Conventional	xx%
Hybrid	xx%

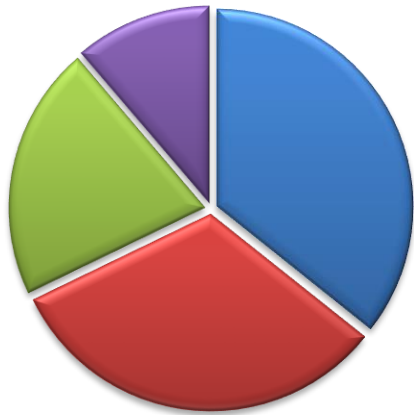
Global Aircraft Engine Market by Platform; 2022



Platform	Share
Fixed Wing	xx%
Rotary Wing	xx%
Unmanned Ariel Vehicles	xx%

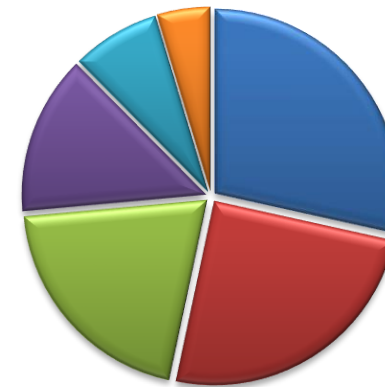
Aircraft Engine Market: The Global Analysis

Global Aircraft Engine Market by Engine Type; 2022



Engine Type	Share
Turboprop Engine	xx%
Turbofan Engine	xx%
Turbojet Engine	xx%
Piston and Turboprop Engine	xx%
Turboshaft Engine	xx%

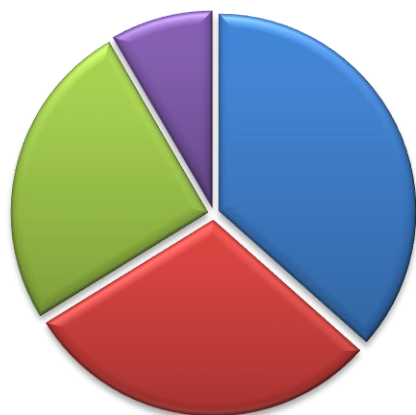
Global Aircraft Engine Market by Component; 2022



Component	Share
Compressor	xx%
Turbine	xx%
Combustor	xx%
Fan	xx%
Mixer	xx%
Nozzle	xx%
Compressor	xx%

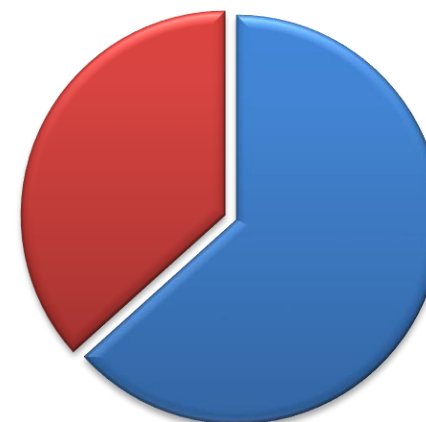
Aircraft Engine Market: The Global Analysis

Global Aircraft Engine Market by Region; 2022



Region	Share
North America	xx%
Europe	xx%
Asia Pacific	xx%
ROW	xx%

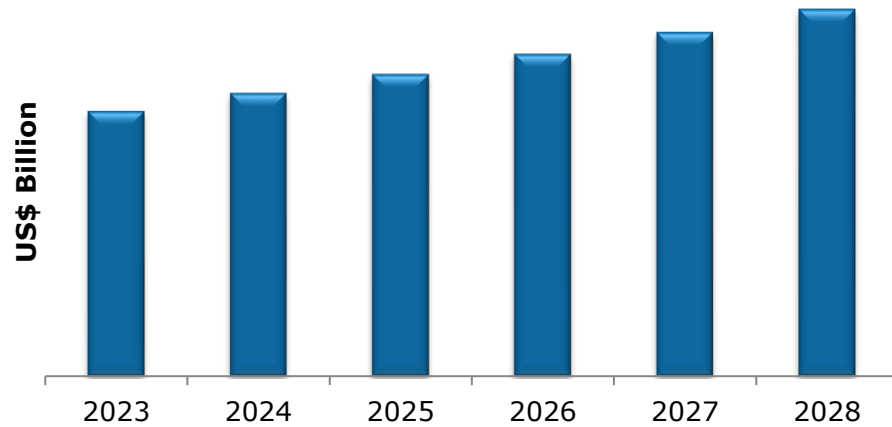
Global Aircraft Engine Market by End User; 2022



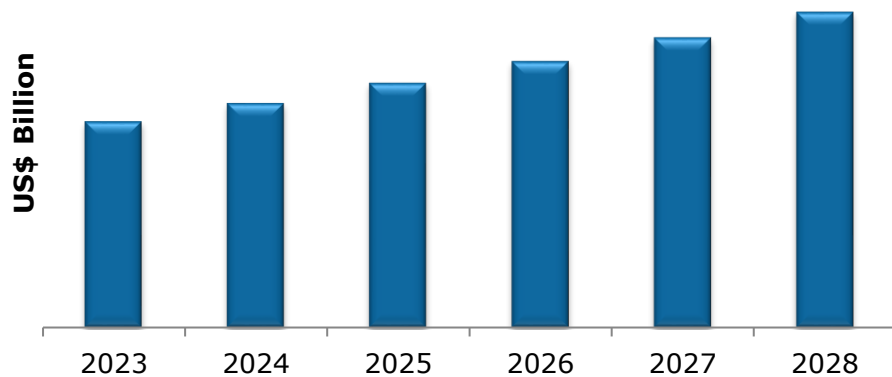
End User	Share
Commercial	xx%
Military	xx%

Global Aircraft Engine Market: Technology Analysis

Global Conventional Aircraft Engine Market by Value



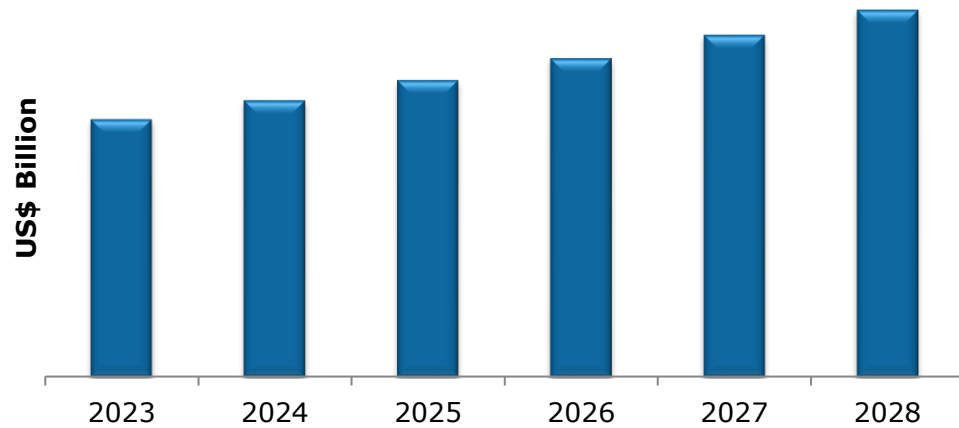
Global Hybrid Aircraft Engine Market by Value



Technology	CAGR (2023-2028)
Conventional	xx%
Hybrid	xx%

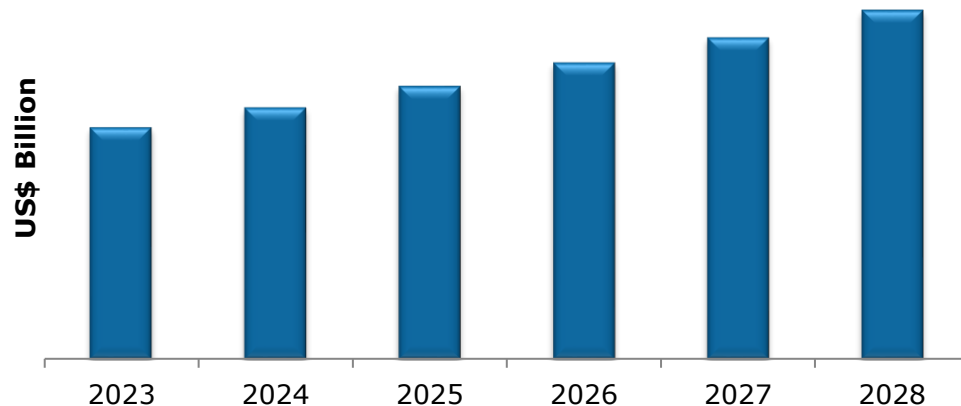
Global Aircraft Engine Market: Platform Analysis

Global Fixed Wing Aircraft Engine Market by Value



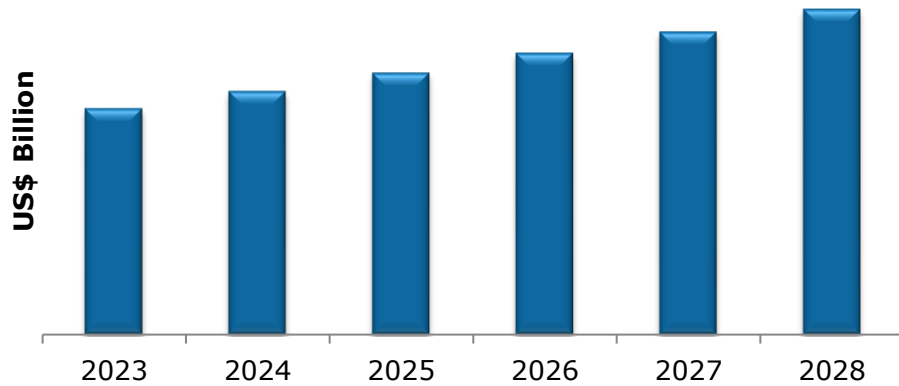
Platform	CAGR (2023-2028)
Fixed Wing	xx%
Rotary Wing	xx%
Unmanned Ariel Vehicles	xx%

Global Rotary Wing Aircraft Engine Market by Value

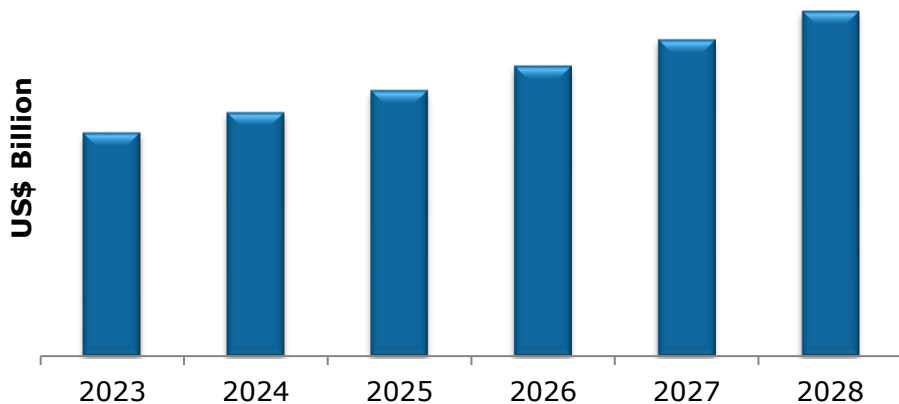


Global Aircraft Engine Market: Engine Type Analysis

Global Turbofan Engine Aircraft Engine Market By Value



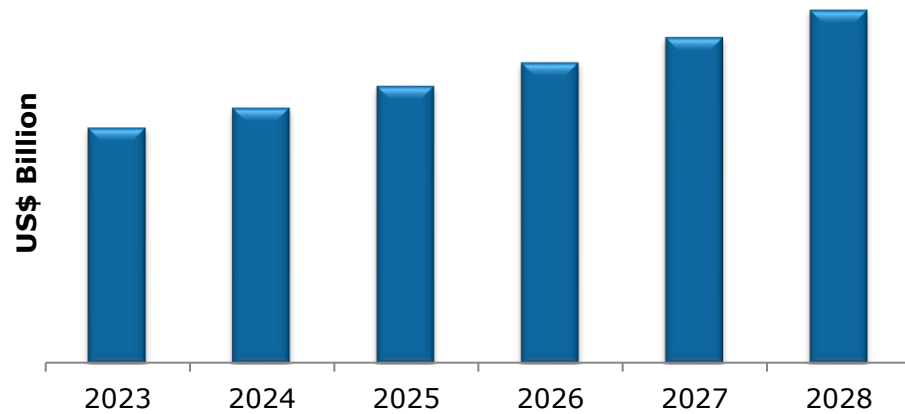
Global Turbojet Engine Aircraft Engine Market By Value



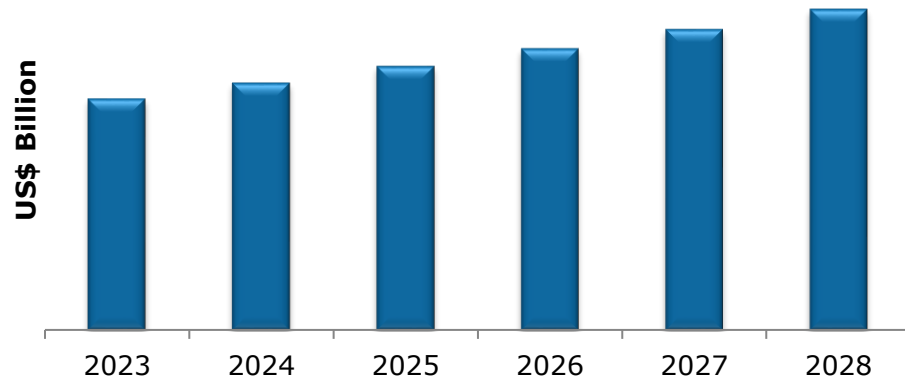
Engine Type	CAGR (2023-2028)
Turbofan Engine	xx%
Turbojet Engine	xx%
Piston and Turboprop Engine	xx%
Turboshaft Engine	xx%

Global Aircraft Engine Market: Component Analysis

Global Combustor Aircraft Engine Market By Value



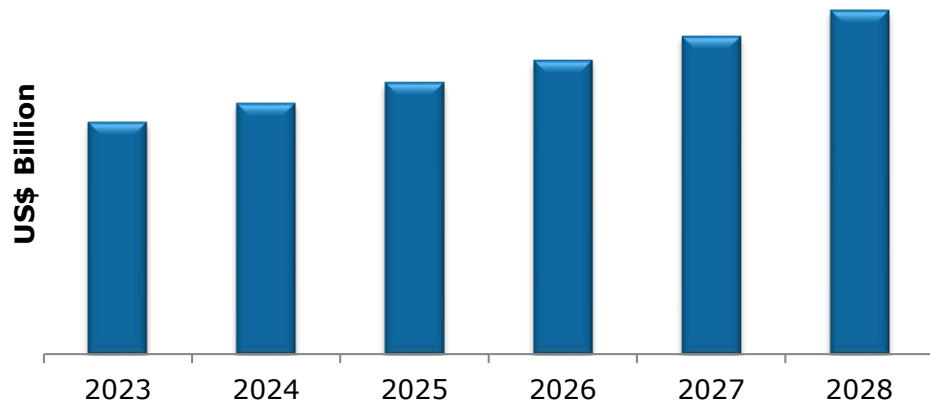
Global Turbine Aircraft Engine Market By Value



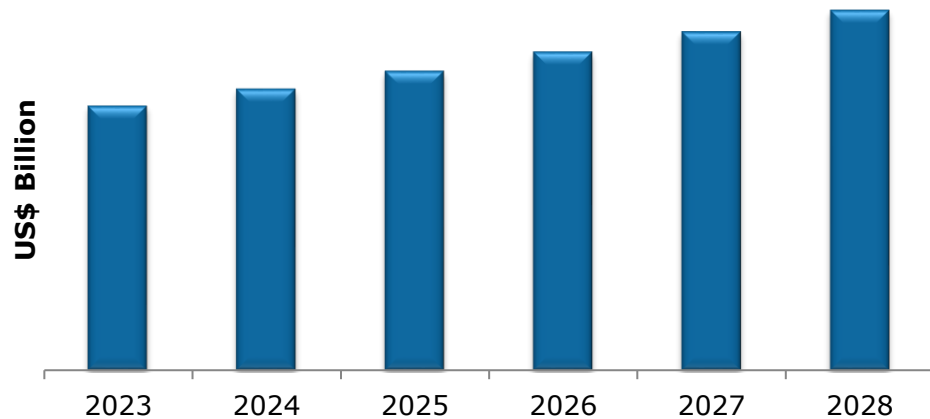
Component	CAGR (2023-2028)
Combustor	xx%
Turbine	xx%
Compressor	xx%
Fan	xx%
Mixer	xx%
Nozzle	xx%

Global Aircraft Engine Market: End User Analysis

Global Commercial Aircraft Engine Market by Value



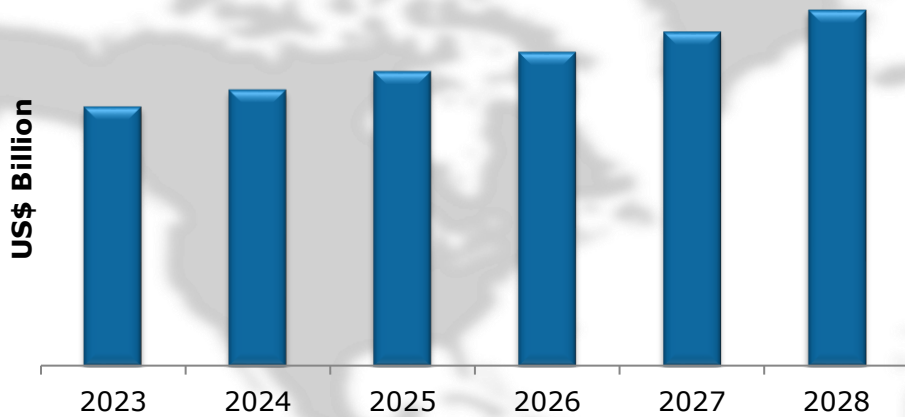
Global Military Aircraft Engine Market by Value



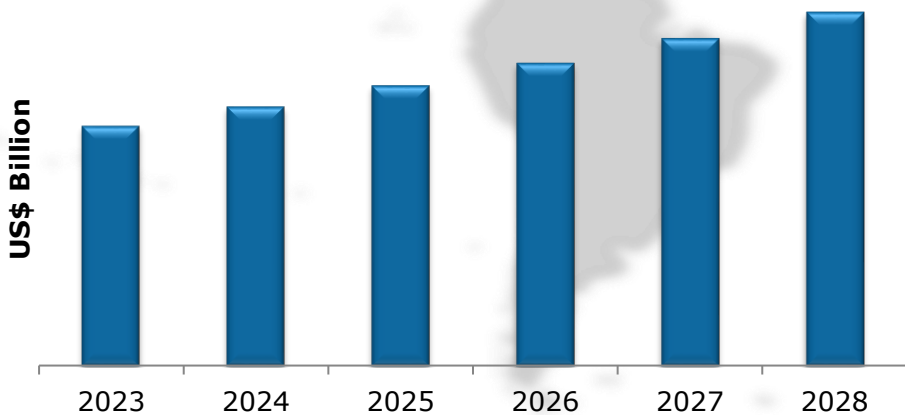
End User	CAGR (2023-2028)
Commercial	xx%
Military	xx%

Aircraft Engine Market: Regional Analysis

North America Aircraft Engine Market by Value



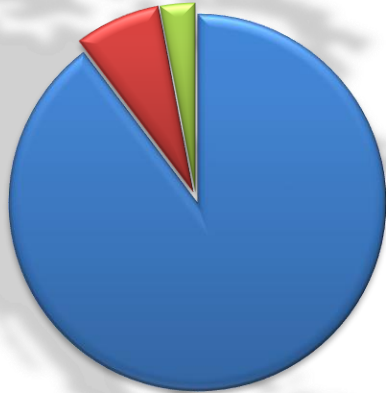
Europe Aircraft Engine Market by Value



Regions	CAGR (2023-2028)
North America	xx%
Europe	xx%
Asia Pacific	xx%
ROW	xx%

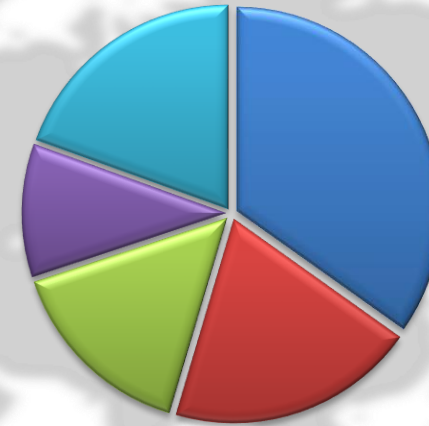
Aircraft Engine Market: Regional Analysis

North America Aircraft Engine Market by Region; 2022



Region	Share	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

Asia Pacific Aircraft Engine Market by Region; 2022

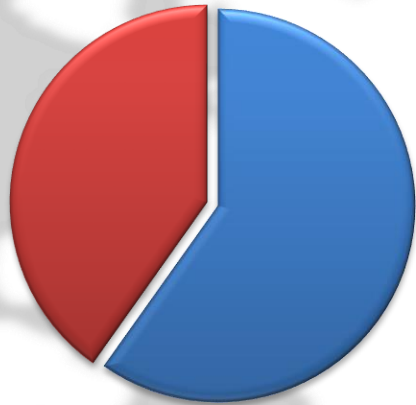


Region	Share	CAGR (2023-2028)
China	xx%	xx%
India	xx%	xx%
Japan	xx%	xx%
South Korea	xx%	xx%
Rest of Asia Pacific	xx%	xx%



Aircraft Engine Market: Regional Analysis

Europe Aircraft Engine Market by End User; 2022



End User	Share	CAGR (2023-2028)
Commercial	xx%	xx%
Military	xx%	xx%

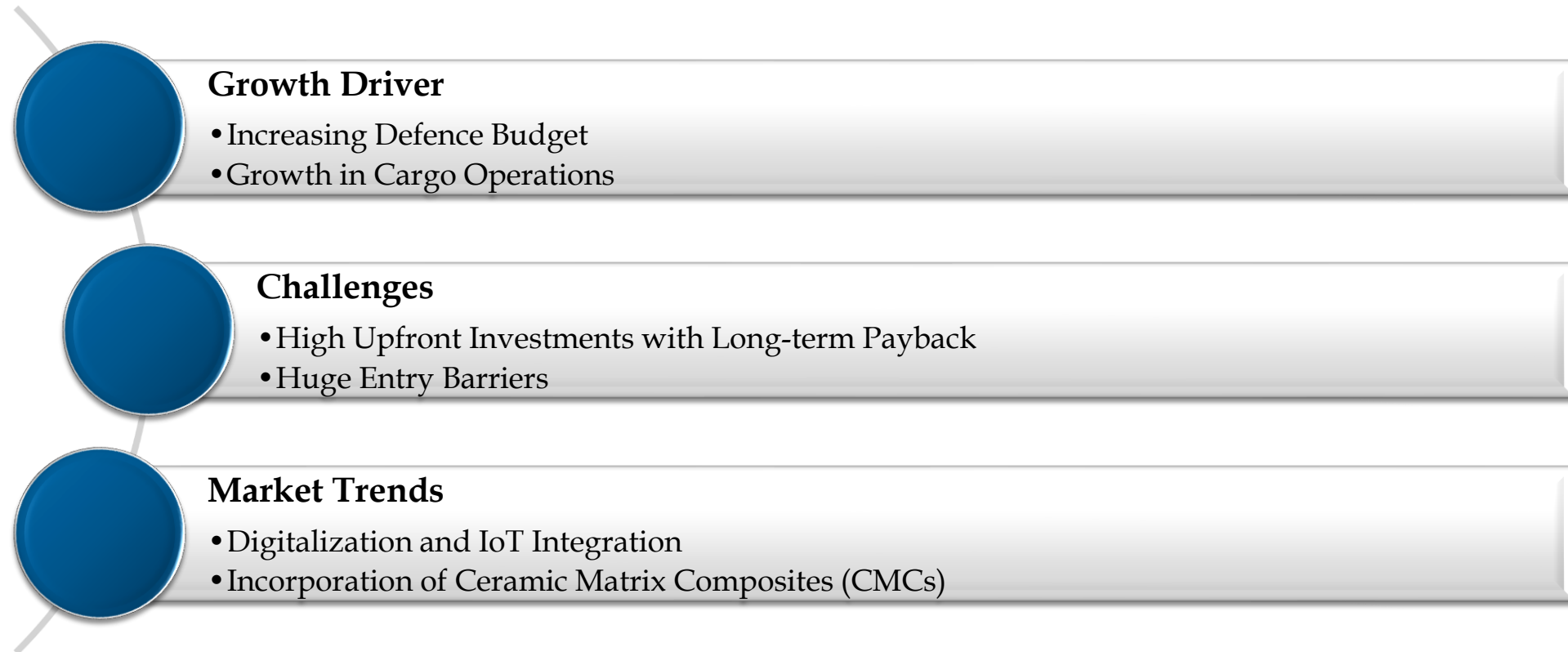
Aircraft Engine Market: Regional Analysis

Europe Aircraft Engine Market by Region; 2022



Region	Share	CAGR (2023-2028)
France	xx%	xx%
UK	xx%	xx%
Germany	xx%	xx%
Italy	xx%	xx%
Rest of Europe	xx%	xx%

Global Aircraft Engine Market: Dynamics



Global Aircraft Engine Market: Competitive Landscape

Players Profiled

- ❑ Honeywell International Inc.
- ❑ General Electric Company (GE Aerospace)
- ❑ Raytheon Technologies Corporation
- ❑ MTU Aero Engines AG
- ❑ Safran SA
- ❑ Rolls-Royce Holdings Plc.
- ❑ Textron Inc.

Global Commercial Aircraft Engine Players by Market Share; 2022

