

# Aircraft Engine Blade Market: Trends, Opportunities and Competitive Analysis

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## Abstracts

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### Aircraft Engine Blade Market Trends and Forecast

The future of the global aircraft engine blade market looks promising with opportunities in commercial, general aviation, regional, and military aircraft. The global aircraft engine blade market is expected to reach an estimated \$40.8 billion by 2027 with a CAGR of 7.9% from 2021 to 2027. The major growth drivers for this market are increasing aircraft deliveries and periodic replacement of engine blades.

### Emerging Trends in the Aircraft Engine Blade Market

Emerging trend which has direct impact on the dynamics of this industry includes growing use of lightweight materials.

A total of 73 figures / charts and 74 tables are provided in this 158-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global aircraft engine blade market report, please download the report brochure.

### Aircraft Engine Blade Market by Segments

In this market, commercial aircraft is the largest aircraft type, whereas compressor blade is the largest in blade type. The study includes a forecast for the aircraft engine blade market by blade type, aircraft type, by end use, by manufacturing technology,

blade size, material and region as follows:

Aircraft Engine Blade Market by Blade Type [Value (\$M) & Volume (Units in Million) from 2016 to 2027]:

Compressor Blades

Turbine Blades

Fan Blades

Aircraft Engine Blade Market by Aircraft Type [Value (\$M) & Volume (Units in Million) from 2016 to 2027]:

Commercial Aircraft

General Aviation

Regional Aircraft

Military Aircraft

Aircraft Engine Blade Market by End Use Type [Value (\$M) & Volume (Units in Million) from 2016 to 2027]:

OEM

After market

Aircraft Engine Blade Market by Manufacturing Technology [Value (\$M) & Volume (Units in Million) from 2016 to 2027]:

Investment Casting

Forging

Others

Aircraft Engine Blade Market by Blade Size (In Inches) [Value (\$M) & Volume (Units in Million) from 2016 to 2027]:

0-20

21-40

41-60

Aircraft Engine Blade Market by Material [Volume (M lbs) from 2016 to 2027]:

Titanium

Nickle Alloy

Composites

Others

Aircraft Engine Blade Market by Region [Value (\$M) & Volume (Units in Million) from 2016 to 2027]:

North America

Europe

Asia Pacific

The Rest of the World

List of Aircraft Engine Blade Market Companies

Companies in the market compete on the basis of product quality offered. Major players

in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies aircraft engine blade companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the aircraft engine blade companies profiled in this report includes.

CFM International

GE Aviation

Raytheon Technologies

Rolls-Royce Holdings PLC

MTU Aero Engine

Albany International Corporation

### Aircraft Engine Blade Market Insights

Lucintel forecasts that the blades for compressor application are expected to remain the largest segment over the forecast period due to the requirement for a higher number of blades in aircraft engine compressors. Blades for turbine applications are expected to witness the highest growth over the forecast period

North America will remain the largest region over the forecast period due to growth in aircraft deliveries and presence of major manufacturers like General Electric, CFM International and others.

### Features of the Global Aircraft Engine Blade

**Market Size Estimates:** Global aircraft engine blade market size estimation in terms of value (\$M) and volume (million units) shipment.

**Trend and Forecast Analysis:** Market trends (2016-2021) and forecast (2022-2027) by various segments.

**Segmentation Analysis:** Global aircraft engine blade market size by various segments, such as by type in terms of value and volume.

**Regional Analysis:** Global aircraft engine blade market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different blade type, aircraft type, end use type, manufacturing technology, blade size and regions for the global aircraft engine blade market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global aircraft engine blade market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

**Q1. What is the aircraft engine blade market size?**

**Answer:** The global aircraft engine blade market is expected to reach an estimated \$40.8 billion by 2027.

**Q2. What is the growth forecast for aircraft engine blade market?**

**Answer:** The aircraft engine blade market is expected to grow at a CAGR of 7.9% from 2021 to 2027.

**Q3. What are the major drivers influencing the growth of the aircraft engine blade market?**

**Answer:** The major drivers for this market are increasing aircraft deliveries and periodic replacement of engine blades.

**Q4. What are the major type or end use industries for aircraft engine blade?**

**Answer:** Commercial aircraft is the major segment by aircraft type for aircraft engine

blade.

Q5. What are the emerging trends in aircraft engine blade market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include growing use of lightweight materials.

Q6. Who are the key aircraft engine blade companies?

Answer: Some of the key aircraft engine blade companies are as follows:

CFM International

GE Aviation

Raytheon Technologies

Rolls-Royce Holdings PLC

MTU Aero Engine

Albany International Corporation

Q7. Which aircraft engine blade application segment will be the largest in future?

Answer: Lucintel forecasts that compressor blades will remain the largest application

Q8: In aircraft engine blade market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to remain the largest region due to largest number of aircraft OEMs in this region.

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This report answers following 11 key questions

Q.1 What are some of the most promising, high-growth opportunities for the global aircraft engine blade market by blade type (compressor, turbine, and fan blades), by aircraft type (commercial aircraft, general aviation, regional aircraft, and military aircraft), by end use type (OEM and aftermarket), by manufacturing technology (Investment casting, forging, 3D printing, and others), by blade size (0-20, 21-40, 41-60), by material (titanium, nickel alloy, composites, and others) and by region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges in this market?

Q.5 What are the business risks and threats of this market?

Q.6 What are emerging trends in this market and reasons behind them?

Q.7 What are some of the changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competing products in this market and how big of a threat do they pose for loss of market share by product substitution?

Q.11 What M&A activity has occurred in the last 5 years?

For any questions related to aircraft engine blade market or related to aircraft engine blade companies, aircraft engine blade market share, aircraft engine blade market analysis, aircraft engine blade market size, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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