

Turboprop Engine Market By Type (Single Shaft, Free Turbine) , By Application (Commercial Aviation, Military Aviation, General Aviation) By Technology (Conventional Engine, Electric/Hybrid Engine) : Global Opportunity Analysis and Industry Forecast, 2024-2033

<https://marketpublishers.com/r/T3746373C558EN.html>

Date: November 2024

Pages: 434

Price: US\$ 2,790.00 (Single User License)

ID: T3746373C558EN

Abstracts

Turboprop Engine Market

The turboprop engine market was valued at \$1.2 billion in 2023 and is projected to reach \$2.1 billion by 2033, growing at a CAGR of 5.7% from 2024 to 2033.

A turboprop engine is a combination of jet and piston that acts as a propulsion system for aircraft. It makes use of a turbine to generate thrust and drive propellers in small- & medium-sized aircraft. The major advantages of turboprop engines include their inexpensive operating costs, efficient performance at low altitudes, and high fuel efficiency at low speeds. The aircraft deployed with turboprop engines find applications in military, general aviation, regional airlines, and search & rescue operations.

The low-cost operation and high fuel efficiency of turboprop engines are the key drivers of the market. In addition, several airlines & aircraft operators with limited infrastructure and short runways are leveraging the short takeoff & landing ability of turboprop engines, thereby augmenting the development of the market. To enhance the cost-effectiveness of these engines, the integration of digital controls and smart technology is trending in the market. These advanced features enable predictive maintenance of turboprop engines via data analytics, improving their operational efficiency. These upgrades have increased the importance of the engine in the competitive aviation

industry.

However, the inability of turboprop engines to operate at high speeds and for long-haul flights limits their application, hampering the development of the market. Furthermore, the noise and vibration generated by these engines impact the comfort of pilots and passengers, eventually restraining the market growth. On the contrary, to align with sustainability and clean fuel initiatives, several engine manufacturers are striving to develop turboprop engines powered by clean fuels. These endeavors are poised to present lucrative opportunities for the turboprop engine market in the future. For instance, Pratt & Whitney Canada—an aircraft engine manufacturer—recently launched the “Hydrogen Advanced Design Engine Study” project to develop technologies for future hydrogen-powered turboprops.

Segment Review

The turboprop engine market is segmented into type, application, technology, and region. On the basis of type, the market is bifurcated into single shaft and free turbine. Depending on application, it is divided into commercial aviation, military aviation, and general aviation. As per technology, it is classified into conventional engine and electric/hybrid engine. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of type, the single shaft segment is expected to dominate the market during the forecast period.

Depending on application, the general aviation segment is projected to account for a high share of the market by 2033.

As per technology, the conventional engine segment is anticipated to be the highest shareholder throughout the forecast period.

Region wise, North America is predicted to be the highest revenue generator by 2033.

Competition Analysis

The major players in the global turboprop engine market include General Electric, Heron Engines, Honeywell International Inc., PBS AEROSPACE, Pratt & Whitney, Rolls-Royce

plc, Safran, Textron Aviation Inc., TurbAero, and Turbotech. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to strengthen their foothold in the competitive market.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

Market share analysis of players by products/segments

Regulatory Guidelines

Additional company profiles with specific to client's interest

SWOT Analysis

Key Market Segments

By Type

Single Shaft

Free Turbine

By Application

Commercial Aviation

Military Aviation

General Aviation

By Technology

Conventional Engine

Electric/Hybrid Engine

By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Russia

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Rest of LAMEA

Key Market Players

General Electric

Heron Engines

Honeywell International Inc.

PBS AEROSPACE

Pratt & Whitney.

Rolls-Royce plc.

Safran

Textron Aviation Inc.

TurbAero

Turbotech

Contents

CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
 - 1.4.1. Primary Research
 - 1.4.2. Secondary Research
 - 1.4.3. Analyst Tools and Models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings
 - 3.2.1. Top Investment Pockets
 - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
 - 3.3.1. Bargaining Power of Suppliers
 - 3.3.2. Threat of New Entrants
 - 3.3.3. Threat of Substitutes
 - 3.3.4. Competitive Rivalry
 - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities

CHAPTER 4: TURBOPROP ENGINE MARKET, BY TYPE

- 4.1. Market Overview
 - 4.1.1 Market Size and Forecast, By Type
- 4.2. Single Shaft
 - 4.2.1. Key Market Trends, Growth Factors and Opportunities

- 4.2.2. Market Size and Forecast, By Region
- 4.2.3. Market Share Analysis, By Country
- 4.3. Free Turbine
 - 4.3.1. Key Market Trends, Growth Factors and Opportunities
 - 4.3.2. Market Size and Forecast, By Region
 - 4.3.3. Market Share Analysis, By Country

CHAPTER 5: TURBOPROP ENGINE MARKET, BY APPLICATION

- 5.1. Market Overview
 - 5.1.1 Market Size and Forecast, By Application
- 5.2. Commercial Aviation
 - 5.2.1. Key Market Trends, Growth Factors and Opportunities
 - 5.2.2. Market Size and Forecast, By Region
 - 5.2.3. Market Share Analysis, By Country
- 5.3. Military Aviation
 - 5.3.1. Key Market Trends, Growth Factors and Opportunities
 - 5.3.2. Market Size and Forecast, By Region
 - 5.3.3. Market Share Analysis, By Country
- 5.4. General Aviation
 - 5.4.1. Key Market Trends, Growth Factors and Opportunities
 - 5.4.2. Market Size and Forecast, By Region
 - 5.4.3. Market Share Analysis, By Country

CHAPTER 6: TURBOPROP ENGINE MARKET, BY TECHNOLOGY

- 6.1. Market Overview
 - 6.1.1 Market Size and Forecast, By Technology
- 6.2. Conventional Engine
 - 6.2.1. Key Market Trends, Growth Factors and Opportunities
 - 6.2.2. Market Size and Forecast, By Region
 - 6.2.3. Market Share Analysis, By Country
- 6.3. Electric/Hybrid Engine
 - 6.3.1. Key Market Trends, Growth Factors and Opportunities
 - 6.3.2. Market Size and Forecast, By Region
 - 6.3.3. Market Share Analysis, By Country

CHAPTER 7: TURBOPROP ENGINE MARKET, BY REGION

7.1. Market Overview

7.1.1 Market Size and Forecast, By Region

7.2. North America

7.2.1. Key Market Trends and Opportunities

7.2.2. Market Size and Forecast, By Type

7.2.3. Market Size and Forecast, By Application

7.2.4. Market Size and Forecast, By Technology

7.2.5. Market Size and Forecast, By Country

7.2.6. U.S. Turboprop Engine Market

7.2.6.1. Market Size and Forecast, By Type

7.2.6.2. Market Size and Forecast, By Application

7.2.6.3. Market Size and Forecast, By Technology

7.2.7. Canada Turboprop Engine Market

7.2.7.1. Market Size and Forecast, By Type

7.2.7.2. Market Size and Forecast, By Application

7.2.7.3. Market Size and Forecast, By Technology

7.2.8. Mexico Turboprop Engine Market

7.2.8.1. Market Size and Forecast, By Type

7.2.8.2. Market Size and Forecast, By Application

7.2.8.3. Market Size and Forecast, By Technology

7.3. Europe

7.3.1. Key Market Trends and Opportunities

7.3.2. Market Size and Forecast, By Type

7.3.3. Market Size and Forecast, By Application

7.3.4. Market Size and Forecast, By Technology

7.3.5. Market Size and Forecast, By Country

7.3.6. UK Turboprop Engine Market

7.3.6.1. Market Size and Forecast, By Type

7.3.6.2. Market Size and Forecast, By Application

7.3.6.3. Market Size and Forecast, By Technology

7.3.7. Germany Turboprop Engine Market

7.3.7.1. Market Size and Forecast, By Type

7.3.7.2. Market Size and Forecast, By Application

7.3.7.3. Market Size and Forecast, By Technology

7.3.8. France Turboprop Engine Market

7.3.8.1. Market Size and Forecast, By Type

7.3.8.2. Market Size and Forecast, By Application

7.3.8.3. Market Size and Forecast, By Technology

7.3.9. Russia Turboprop Engine Market

- 7.3.9.1. Market Size and Forecast, By Type
- 7.3.9.2. Market Size and Forecast, By Application
- 7.3.9.3. Market Size and Forecast, By Technology
- 7.3.10. Rest Of Europe Turboprop Engine Market
 - 7.3.10.1. Market Size and Forecast, By Type
 - 7.3.10.2. Market Size and Forecast, By Application
 - 7.3.10.3. Market Size and Forecast, By Technology
- 7.4. Asia-Pacific
 - 7.4.1. Key Market Trends and Opportunities
 - 7.4.2. Market Size and Forecast, By Type
 - 7.4.3. Market Size and Forecast, By Application
 - 7.4.4. Market Size and Forecast, By Technology
 - 7.4.5. Market Size and Forecast, By Country
 - 7.4.6. China Turboprop Engine Market
 - 7.4.6.1. Market Size and Forecast, By Type
 - 7.4.6.2. Market Size and Forecast, By Application
 - 7.4.6.3. Market Size and Forecast, By Technology
 - 7.4.7. Japan Turboprop Engine Market
 - 7.4.7.1. Market Size and Forecast, By Type
 - 7.4.7.2. Market Size and Forecast, By Application
 - 7.4.7.3. Market Size and Forecast, By Technology
 - 7.4.8. India Turboprop Engine Market
 - 7.4.8.1. Market Size and Forecast, By Type
 - 7.4.8.2. Market Size and Forecast, By Application
 - 7.4.8.3. Market Size and Forecast, By Technology
 - 7.4.9. South Korea Turboprop Engine Market
 - 7.4.9.1. Market Size and Forecast, By Type
 - 7.4.9.2. Market Size and Forecast, By Application
 - 7.4.9.3. Market Size and Forecast, By Technology
 - 7.4.10. Rest of Asia-Pacific Turboprop Engine Market
 - 7.4.10.1. Market Size and Forecast, By Type
 - 7.4.10.2. Market Size and Forecast, By Application
 - 7.4.10.3. Market Size and Forecast, By Technology
- 7.5. LAMEA
 - 7.5.1. Key Market Trends and Opportunities
 - 7.5.2. Market Size and Forecast, By Type
 - 7.5.3. Market Size and Forecast, By Application
 - 7.5.4. Market Size and Forecast, By Technology
 - 7.5.5. Market Size and Forecast, By Country

- 7.5.6. Latin America Turboprop Engine Market
 - 7.5.6.1. Market Size and Forecast, By Type
 - 7.5.6.2. Market Size and Forecast, By Application
 - 7.5.6.3. Market Size and Forecast, By Technology
- 7.5.7. Middle East Turboprop Engine Market
 - 7.5.7.1. Market Size and Forecast, By Type
 - 7.5.7.2. Market Size and Forecast, By Application
 - 7.5.7.3. Market Size and Forecast, By Technology
- 7.5.8. Africa Turboprop Engine Market
 - 7.5.8.1. Market Size and Forecast, By Type
 - 7.5.8.2. Market Size and Forecast, By Application
 - 7.5.8.3. Market Size and Forecast, By Technology
- 7.5.9. Rest of LAMEA Turboprop Engine Market
 - 7.5.9.1. Market Size and Forecast, By Type
 - 7.5.9.2. Market Size and Forecast, By Application
 - 7.5.9.3. Market Size and Forecast, By Technology

CHAPTER 8: COMPETITIVE LANDSCAPE

- 8.1. Introduction
- 8.2. Top Winning Strategies
- 8.3. Product Mapping Of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Top Player Positioning, 2023

CHAPTER 9: COMPANY PROFILES

- 9.1. General Electric
 - 9.1.1. Company Overview
 - 9.1.2. Key Executives
 - 9.1.3. Company Snapshot
 - 9.1.4. Operating Business Segments
 - 9.1.5. Product Portfolio
 - 9.1.6. Business Performance
 - 9.1.7. Key Strategic Moves and Developments
- 9.2. Heron Engines
 - 9.2.1. Company Overview
 - 9.2.2. Key Executives

- 9.2.3. Company Snapshot
- 9.2.4. Operating Business Segments
- 9.2.5. Product Portfolio
- 9.2.6. Business Performance
- 9.2.7. Key Strategic Moves and Developments
- 9.3. Honeywell International Inc.
 - 9.3.1. Company Overview
 - 9.3.2. Key Executives
 - 9.3.3. Company Snapshot
 - 9.3.4. Operating Business Segments
 - 9.3.5. Product Portfolio
 - 9.3.6. Business Performance
 - 9.3.7. Key Strategic Moves and Developments
- 9.4. PBS AEROSPACE
 - 9.4.1. Company Overview
 - 9.4.2. Key Executives
 - 9.4.3. Company Snapshot
 - 9.4.4. Operating Business Segments
 - 9.4.5. Product Portfolio
 - 9.4.6. Business Performance
 - 9.4.7. Key Strategic Moves and Developments
- 9.5. Pratt And Whitney.
 - 9.5.1. Company Overview
 - 9.5.2. Key Executives
 - 9.5.3. Company Snapshot
 - 9.5.4. Operating Business Segments
 - 9.5.5. Product Portfolio
 - 9.5.6. Business Performance
 - 9.5.7. Key Strategic Moves and Developments
- 9.6. Rolls-Royce Plc.
 - 9.6.1. Company Overview
 - 9.6.2. Key Executives
 - 9.6.3. Company Snapshot
 - 9.6.4. Operating Business Segments
 - 9.6.5. Product Portfolio
 - 9.6.6. Business Performance
 - 9.6.7. Key Strategic Moves and Developments
- 9.7. Safran
 - 9.7.1. Company Overview

- 9.7.2. Key Executives
- 9.7.3. Company Snapshot
- 9.7.4. Operating Business Segments
- 9.7.5. Product Portfolio
- 9.7.6. Business Performance
- 9.7.7. Key Strategic Moves and Developments
- 9.8. Textron Aviation Inc.
 - 9.8.1. Company Overview
 - 9.8.2. Key Executives
 - 9.8.3. Company Snapshot
 - 9.8.4. Operating Business Segments
 - 9.8.5. Product Portfolio
 - 9.8.6. Business Performance
 - 9.8.7. Key Strategic Moves and Developments
- 9.9. TurbAero
 - 9.9.1. Company Overview
 - 9.9.2. Key Executives
 - 9.9.3. Company Snapshot
 - 9.9.4. Operating Business Segments
 - 9.9.5. Product Portfolio
 - 9.9.6. Business Performance
 - 9.9.7. Key Strategic Moves and Developments
- 9.10. Turbotech
 - 9.10.1. Company Overview
 - 9.10.2. Key Executives
 - 9.10.3. Company Snapshot
 - 9.10.4. Operating Business Segments
 - 9.10.5. Product Portfolio
 - 9.10.6. Business Performance
 - 9.10.7. Key Strategic Moves and Developments

I would like to order

Product name: Turboprop Engine Market By Type (Single Shaft, Free Turbine) , By Application (Commercial Aviation, Military Aviation, General Aviation) By Technology (Conventional Engine, Electric/Hybrid Engine) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Product link: <https://marketpublishers.com/r/T3746373C558EN.html>

Price: US\$ 2,790.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/T3746373C558EN.html>