

Global Air Transport USM Market Size Study, by Aircraft Type (Fixed-wing Aircraft, Rotary-wing Aircraft), by Passenger Capacity (Small, Medium, Large), by Range (Short-haul, Medium-haul, Long-haul), by Application (Passenger Transport, Cargo Transport, Military), by Propulsion Type (Turbojet, Turbofan, Turboprop, Piston Engine) and Regional Forecasts 2022-2032

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Abstracts

The Global Air Transport USM Market is valued at approximately USD 180.84 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.52% over the forecast period 2024-2032. Air Transport Used Serviceable Materials (USM) refers to components, parts, and equipment that have been previously used in aircraft but are refurbished, inspected, and certified for reuse in aviation operations. These materials include items such as engines, avionics, landing gear, and various mechanical parts. USM offers a cost-effective alternative to new parts, providing airlines and maintenance providers with reliable options for maintaining and repairing aircraft. Furthermore, technological advancements play a pivotal role in the market's development. Fuel-efficient aircraft, digital technologies, and automation improve operational efficiency and safety. Digital communication systems enable data sharing between various aircraft systems, while automation and artificial intelligence reduce the need for human input and enhance safety. These innovations drive the air transport USM market's growth and evolution.

The air transport USM (Used Serviceable Material) market is witnessing significant growth driven by the escalating demand for air travel, the rising popularity of low-cost

carriers, and the expansion of e-commerce. This market benefits from technological advancements, including artificial intelligence and machine learning, which enhance the efficiency and effectiveness of air transportation. The development of new routes, cargo services, and the integration of air transport with other transportation modes present opportunities for market growth. Additionally, the adoption of mobile devices for booking and managing flights, the growth of the sharing economy, and the rise of sustainable air travel are shaping the future of the industry. Moreover, government regulations and policies significantly impact the air transport USM market. Regulatory compliance ensures safety, environmental standards, and economic policies that influence market dynamics. Staying abreast of regulatory changes can create new opportunities and sustain industry growth.

The key region in the Air Transport USM Market includes North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. In 2023, North America dominates the market in terms of revenue. This is due to its expansive and technologically advanced aviation sector. The region, majorly the United States, has a large fleet of commercial and military aircraft, leading to substantial demand for used serviceable materials, which are critical for cost-effective maintenance and repair operations. Major airlines and maintenance, repair, and overhaul (MRO) providers in North America prioritize USM for its cost efficiency and reliability, driving market growth. Additionally, the region's robust regulatory framework ensures high standards for USM, further bolstering its use. The Asia Pacific region is expected to witness the highest growth rate, driven by increasing defense spending and demand for advanced systems. South America and Middle East & Africa regions are anticipated to experience moderate growth.

Major market players included in this report are:

Boeing

Irkut

Textron Aviation

Leonardo

Sukhoi

Embraer

ATR

COMAC

Pilatus Aircraft

Mitsubishi Heavy Industries

Honda Aircraft Company

Bombardier

Airbus

Daher

The detailed segments and sub-segment of the market are explained below:

By Aircraft Type:

Fixed-wing Aircraft

Rotary-wing Aircraft

By Passenger Capacity:

Small (less than 50 passengers)

Medium (51-150 passengers)

Large (over 150 passengers)

By Range:

Short-haul (less than 500 miles)

Medium-haul (501-1,500 miles)

Long-haul (over 1,500 miles)

By Application:

Passenger Transport

Cargo Transport

Military

By Propulsion Type:

Turbojet

Turbofan

Turboprop

Piston Engine

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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