

# Air Ambulance Market Report by Vehicle Type (Aircrafts/Airplanes, Helicopters, Seaplanes, and Others), Service Type (Hospital Services, Community Services, and Others), Application (Medical Care, Transport, and Others), and Region 2024-2032

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## Abstracts

The global air ambulance market size reached US\$ 5.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 13.4 Billion by 2032, exhibiting a growth rate (CAGR) of 10.11% during 2024-2032. The increasing incidences of chronic medical disorders, rising occurrences of fatal road accidents and natural calamities, and the growing number of mobile applications for online booking of air ambulance services represent some of the key factors driving the market.

### Increasing Need for Rapid Medical Response in Critical Situations Augmenting Market Growth

Air ambulances can quickly reach the scene or facilitate rapid transportation of patients that need necessary care in a timely manner. They are advantageous in densely populated urban areas with heavy traffic congestion as they can bypass traffic and reach the destination quickly, ensuring prompt medical response and timely transport to a suitable medical facility. Thus, the rising requirement for urgent medical response represents one of the primary factors strengthening the market growth around the world.

### What is an Air Ambulance?

An air ambulance is specifically equipped with specialized medical equipment and staffed to provide medical care and transportation for individuals that require urgent medical attention or need to be transported to a medical facility over long distances or in

remote areas. It involves paramedics, nurses, and doctors that are ported to the site using specialized vehicles in the air. It is also incorporated with instruments for basic life support (BLS) and advanced life support (ALS) for patients. It is connected with communication and transportation systems, hospitals, trauma centers, specialty care centers, and rehabilitation facilities to offer optimal care to patients. It is used in situations wherein ground transportation is not feasible due to the distance involved, time sensitivity of the medical condition, or the inaccessibility of the location.

#### Air Ambulance Market Trends:

There is a surge in the incidences of chronic medical disorders and viral infections, such as cardiac arrest, congestive heart failure, stroke, and coronary artery disease among the masses. This, coupled with the rising geriatric population, which is more prone to these severe health diseases, represents one of the major factors driving the demand for air ambulances around the world. Moreover, the growing occurrences of fatal road accidents and natural calamities that require immediate medical attention and the increasing number of hospitals are influencing the market positively. Furthermore, the advent of multi-specialty air ambulances that are equipped with advanced tools and equipment to support prompt and high-quality care to patients is propelling the growth of the market. In addition, there is a rise in the launch of mobile applications for online booking of air ambulance services for smooth transportation of patients to the nearest treatment facility quickly. These mobile applications are integrated with artificial intelligence (AI), the internet of things (IoT), voice assistants, and a global positioning system (GPS), which can help improve the availability and reach of medical facilities to even the remotest areas with poor infrastructure. This, coupled with the initiatives being undertaken by the government of numerous countries to promote public health, is contributing to the market growth. They are also taking measures with non-governmental organizations (NGOs) of several countries to make quality healthcare facilities accessible to all. Apart from this, growing medical tourism and significant improvements in the healthcare infrastructure are anticipated to create a favorable outlook for the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global air ambulance market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on vehicle type, service type and application.

## Vehicle Type Insights:

Aircrafts/Airplanes

Rotary Wing

Fixed Wing

Helicopters

Seaplanes

Others

The report has provided a detailed breakup and analysis of the air ambulance market based on the cup type. This includes aircrafts/airplanes (rotary and fixed wing), helicopters, seaplanes, and others. According to the report, aircrafts/airplanes (rotary and fixed wing) represented the largest segment as they are known for their high cruising speeds, allowing for rapid transportation of patients over long distances. They have extended ranges and can fly non-stop for several hours, which makes them suitable for international repatriation or transfers between distant locations. They can be equipped with advanced medical equipment and facilities, like those found in intensive care units (ICUs). These include life-support systems, monitoring equipment, ventilators, and even operating rooms for critical patients.

Helicopters are another vehicle type offering versatile operations, which allows them to land and take off vertically (VTOL) without requiring a runway. They reduce travel time, which is particularly important in time-sensitive medical emergencies such as trauma cases, heart attacks, strokes, or severe respiratory distress.

Seaplanes and other types are capable of landing on water, which expands their accessibility to areas near bodies of water or locations without suitable landing strips. They can land on water or on land according to the situation and available landing options.

## Service Type Insights:

Hospital Services

Community Services

Others

A detailed breakup and analysis of the air ambulance market based on the service type has also been provided in the report. This includes hospital services, community services, and others. According to the report, hospital services accounted for the largest

market share as air ambulances provide rapid transportation of patients from one medical facility to another. Air ambulances enable the transfer of patients to hospitals or healthcare centers with specialized expertise, advanced equipment, or specialized medical teams. Hospital services also ensure that patients receive the necessary level of care for their specific conditions, such as trauma centers for severe injuries, cardiac centers for heart-related emergencies, or pediatric hospitals for specialized pediatric care.

On the other hand, community services and other service types that offer air ambulance services serve as a vital link in the emergency medical response system, which ensures that individuals receive timely and appropriate care, regardless of geographical challenges or limited access to healthcare facilities. They provide critical support in emergency situations, saving lives, and improving patient outcomes.

Application Insights:

Medical Care

Transport

Others

A detailed breakup and analysis of the air ambulance market based on the application has also been provided in the report. This includes medical care, transport, and others.

Air ambulances find applications in medical care, which includes emergency response, critical care transport, organ transplantation, remote area services, neonatal and pediatric care, and medical evacuation. Their speed, accessibility, and ability to provide specialized medical interventions during transport significantly contribute to improving patient outcomes and ensuring timely access to medical care.

On the other hand, air ambulances have diverse applications in medical transport and other, which ranges from emergency services, specialized transfers, and disaster relief operations.

Regional Insights:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

The report has also provided a comprehensive analysis of all the major regional markets, which include North America, Europe, Asia Pacific, Middle East and Africa, and Latin America. According to the report, North America was the largest market for air ambulance. The expansion of the healthcare industry and increasing number of accidents represent one of the key factors driving the North America air ambulance market. Moreover, the surging prevalence of cardiac ailments like heart attacks and other serious health concerns, including brain stroke that needs urgent medical attention is favoring the market growth in the region. Besides this, the growing number of hospitals that can provide air ambulance services is influencing the market positively in the region.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global air ambulance market. Some of the companies covered in the report include:

PHI Air Medical  
Air Ambulance Specialists  
Babcock Scandinavian AirAmbulance  
Express Air Medical Transport  
Lifeguard Air Ambulance  
Native American Air Ambulance  
Metro Aviation Inc.  
The Royal Flying Doctor Service  
REVA Air Ambulance  
Yorkshire Air Ambulance  
EAA  
Capital Air Ambulance  
AirMed International

Please note that this only represents a partial list of companies, and the complete list has been provided in the report.

#### Key Questions Answered in This Report

1. What was the size of the global air ambulance market in 2023?
2. What is the expected growth rate of the global air ambulance market during 2024-2032?
3. What are the key factors driving the global air ambulance market?

4. What has been the impact of COVID-19 on the global air ambulance market?
5. What is the breakup of the global air ambulance market based on the vehicle type?
6. What is the breakup of the global air ambulance market based on the service type?
7. What are the key regions in the global air ambulance market?
8. Who are the key players/companies in the global air ambulance market?

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