

# Asia Pacific Flight Planning Software Market Report (2021–2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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## Abstracts

The Asia Pacific flight planning software market was valued at approximately US\$ 236.22 million in 2023 and is projected to grow to around US\$ 453.51 million by 2031, reflecting a compound annual growth rate (CAGR) of 8.5% during the forecast period from 2023 to 2031.

### Drivers of Market Growth

A significant factor driving the growth of the Asia Pacific flight planning software market is the increasing investment in military infrastructure and fleet expansion. The changing dynamics of modern warfare have compelled governments to allocate substantial resources to enhance their defense capabilities. This includes funding for advanced technologies and equipment, which in turn supports the modernization of military vehicles and infrastructure.

In 2023, global military expenditure reached US\$ 2,332 billion, marking a 6% increase from the previous year, according to the Stockholm International Peace Research Institute (SIPRI). Major military spenders such as the US, China, India, Russia, the UK, and Saudi Arabia have been actively investing in new military bases and airports to bolster their operational capabilities. This surge in military spending is expected to create opportunities for flight planning software providers as governments invest in new military infrastructure and fleet enhancements.

### Military Expenditure Trends

### Growth in Civil Aviation

In addition to military investments, the civil aviation sector in the Asia Pacific region is also experiencing significant growth. China, as a major player in the global market, is expanding its aircraft fleet to meet the rising demand for cargo transportation. For instance, in June 2023, China Airlines placed firm orders for eight Boeing 787 passenger aircraft, which will increase their fleet to 24 by 2028. Furthermore, the Chinese government is committed to enhancing its airport infrastructure, with plans to add 400 airports by 2035 and address capacity issues at existing airports.

The Civil Aviation Administration of China (CAAC) has identified that many of the largest airports in the country require renovation or expansion, which aligns with the government's 14th Five-Year Plan that includes 140 airport projects by 2025. These developments are expected to drive demand for flight planning software, as airlines and airports seek to optimize flight schedules, routes, and fuel efficiency.

## **Market Segmentation**

The Asia Pacific flight planning software market can be segmented based on deployment, application, component, and country:

**Deployment:** The market is divided into cloud and on-premise solutions, with the cloud segment holding a larger share in 2023.

**Component:** The market is categorized into software and services, where the software segment dominated in 2023.

**Application:** The market includes logistics and cargo, airport operations, private airlines, commercial airlines, flight schools, and military & defense, with commercial airlines leading the market share.

**Country:** The market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific, with China being the dominant player in 2023.

## **Key Players in the Market**

Prominent companies in the Asia Pacific flight planning software market include CAE

Inc., Collins Aerospace, NAV Flight Services LLC, Jeppesen Sanderson, Inc., Sabre Corp, NAVBLUE, FSS GmbH, Laminaar Aviation Infotech Pte Ltd, Chetu Inc., AIMS INTL DWC LLC, eTT Aviation, ForeFlight LLC, Amadeus IT Group SA, Universal Weather and Aviation, Inc., Airsupport A/S, Deutsche Lufthansa AG, and RocketRoute Ltd. These companies are at the forefront of providing innovative flight planning solutions to meet the growing demands of the aviation industry.

## Contents

### **1. INTRODUCTION**

- 1.1 Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Secondary Research
- 3.2 Primary Research
  - 3.2.1 Hypothesis formulation:
  - 3.2.2 Macroeconomic factor analysis:
  - 3.2.3 Developing base number:
  - 3.2.4 Data Triangulation:
  - 3.2.5 Country-level data:

### **4. ASIA PACIFIC FLIGHT PLANNING SOFTWARE MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 Ecosystem Analysis

### **5. ASIA PACIFIC FLIGHT PLANNING SOFTWARE MARKET - KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Increasing Orders and Deliveries of Narrow Body Aircraft
  - 5.1.2 Rising Deliveries of General Aviation Aircraft and Helicopters
- 5.2 Market Restraints
  - 5.2.1 Rising Instances of Cyberattacks on Aviation Sector
- 5.3 Market Opportunities
  - 5.3.1 Increasing Global Aircraft Fleet Size and Air Traffic Growth
  - 5.3.2 Growing Investments in Military Infrastructure Development and Fleet Expansion
- 5.4 Future Trends

5.4.1 Rise in Adoption of Artificial Intelligence (AI) in Flight Management Operations  
5.5 Impact of Drivers and Restraints:

## **6. FLIGHT PLANNING SOFTWARE MARKET - ASIA PACIFIC ANALYSIS**

6.1 Asia Pacific Flight Planning Software Market Revenue (US\$ Million), 2021-2031

6.2 Asia Pacific Flight Planning Software Market Forecast Analysis

## **7. ASIA PACIFIC FLIGHT PLANNING SOFTWARE MARKET ANALYSIS - BY COMPONENT**

7.1 Software

7.1.1 Overview

7.1.2 Software: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.2 Services

7.2.1 Overview

7.2.2 Services: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## **8. ASIA PACIFIC FLIGHT PLANNING SOFTWARE MARKET ANALYSIS - BY DEPLOYMENT**

8.1 Cloud

8.1.1 Overview

8.1.2 Cloud: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.2 On-Premise

8.2.1 Overview

8.2.2 On-Premise: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## **9. ASIA PACIFIC FLIGHT PLANNING SOFTWARE MARKET ANALYSIS - BY APPLICATION**

9.1 Logistics and Cargo

9.1.1 Overview

9.1.2 Logistics and Cargo: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## 9.2 Airport

### 9.2.1 Overview

9.2.2 Airport: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## 9.3 Private Airlines

### 9.3.1 Overview

9.3.2 Private Airlines: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## 9.4 Commercial Airlines

### 9.4.1 Overview

9.4.2 Commercial Airlines: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## 9.5 Flight School and Training Center

### 9.5.1 Overview

9.5.2 Flight School and Training Center: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## 9.6 Military and Defense

### 9.6.1 Overview

9.6.2 Military and Defense: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

## **10. ASIA PACIFIC FLIGHT PLANNING SOFTWARE MARKET - COUNTRY ANALYSIS**

### 10.1 Asia Pacific

#### 10.1.1 Asia Pacific Flight Planning Software Market Overview

10.1.2 Asia Pacific Flight Planning Software Market - Revenue and Forecast Analysis - by Country

10.1.2.1 Asia Pacific Flight Planning Software Market - Revenue and Forecast Analysis - by Country

10.1.2.2 Australia: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

10.1.2.2.1 Australia: Asia Pacific Flight Planning Software Market Share - by Component

10.1.2.2.2 Australia: Asia Pacific Flight Planning Software Market Share - by Deployment

10.1.2.2.3 Australia: Asia Pacific Flight Planning Software Market Share - by Application

10.1.2.3 China: Asia Pacific Flight Planning Software Market - Revenue and

Forecast, 2021-2031 (US\$ Million)

10.1.2.3.1 China: Asia Pacific Flight Planning Software Market Share - by Component

10.1.2.3.2 China: Asia Pacific Flight Planning Software Market Share - by

Deployment

10.1.2.3.3 China: Asia Pacific Flight Planning Software Market Share - by Application

10.1.2.4 India: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

10.1.2.4.1 India: Asia Pacific Flight Planning Software Market Share - by Component

10.1.2.4.2 India: Asia Pacific Flight Planning Software Market Share - by Deployment

10.1.2.4.3 India: Asia Pacific Flight Planning Software Market Share - by Application

10.1.2.5 Japan: Asia Pacific Flight Planning Software Market - Revenue and

Forecast, 2021-2031 (US\$ Million)

10.1.2.5.1 Japan: Asia Pacific Flight Planning Software Market Share - by

Component

10.1.2.5.2 Japan: Asia Pacific Flight Planning Software Market Share - by

Deployment

10.1.2.5.3 Japan: Asia Pacific Flight Planning Software Market Share - by Application

10.1.2.6 South Korea: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

10.1.2.6.1 South Korea: Asia Pacific Flight Planning Software Market Share - by Component

10.1.2.6.2 South Korea: Asia Pacific Flight Planning Software Market Share - by Deployment

10.1.2.6.3 South Korea: Asia Pacific Flight Planning Software Market Share - by Application

10.1.2.7 Rest of APAC: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

10.1.2.7.1 Rest of APAC: Asia Pacific Flight Planning Software Market Share - by Component

10.1.2.7.2 Rest of APAC: Asia Pacific Flight Planning Software Market Share - by Deployment

10.1.2.7.3 Rest of APAC: Asia Pacific Flight Planning Software Market Share - by Application

## **11. COMPETITIVE LANDSCAPE**

11.1 Heat Map Analysis by Key Players

11.2 Company Positioning and Concentration

## **12. INDUSTRY LANDSCAPE**

- 12.1 Overview
- 12.2 Market Initiative
- 12.3 Partnerships and Collaborations
- 12.4 Other Developments

## **13. COMPANY PROFILES**

### 13.1 CAE Inc

- 13.1.1 Key Facts
- 13.1.2 Business Description
- 13.1.3 Products and Services
- 13.1.4 Financial Overview
- 13.1.5 SWOT Analysis
- 13.1.6 Key Developments

### 13.2 Collins Aerospace

- 13.2.1 Key Facts
- 13.2.2 Business Description
- 13.2.3 Products and Services
- 13.2.4 Financial Overview
- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments

### 13.3 NAV Flight Services LLC

- 13.3.1 Key Facts
- 13.3.2 Business Description
- 13.3.3 Products and Services
- 13.3.4 Financial Overview
- 13.3.5 SWOT Analysis
- 13.3.6 Key Developments

### 13.4 Jeppesen Sanderson, Inc.

- 13.4.1 Key Facts
- 13.4.2 Business Description
- 13.4.3 Products and Services
- 13.4.4 Financial Overview
- 13.4.5 SWOT Analysis
- 13.4.6 Key Developments

### 13.5 Sabre Corp

- 13.5.1 Key Facts

- 13.5.2 Business Description
- 13.5.3 Products and Services
- 13.5.4 Financial Overview
- 13.5.5 SWOT Analysis
- 13.5.6 Key Developments
- 13.6 NAVBLUE
  - 13.6.1 Key Facts
  - 13.6.2 Business Description
  - 13.6.3 Products and Services
  - 13.6.4 Financial Overview
  - 13.6.5 SWOT Analysis
  - 13.6.6 Key Developments
- 13.7 FSS GmbH
  - 13.7.1 Key Facts
  - 13.7.2 Business Description
  - 13.7.3 Products and Services
  - 13.7.4 Financial Overview
  - 13.7.5 SWOT Analysis
  - 13.7.6 Key Developments
- 13.8 Laminaar Aviation Infotech Pte Ltd
  - 13.8.1 Key Facts
  - 13.8.2 Business Description
  - 13.8.3 Products and Services
  - 13.8.4 Financial Overview
  - 13.8.5 SWOT Analysis
  - 13.8.6 Key Developments
- 13.9 Chetu Inc
  - 13.9.1 Key Facts
  - 13.9.2 Business Description
  - 13.9.3 Products and Services
  - 13.9.4 Financial Overview
  - 13.9.5 SWOT Analysis
  - 13.9.6 Key Developments
- 13.10 AIMS INTL DWC LLC
  - 13.10.1 Key Facts
  - 13.10.2 Business Description
  - 13.10.3 Products and Services
  - 13.10.4 Financial Overview
  - 13.10.5 SWOT Analysis

- 13.10.6 Key Developments
- 13.11 eTT Aviation
  - 13.11.1 Key Facts
  - 13.11.2 Business Description
  - 13.11.3 Products and Services
  - 13.11.4 Financial Overview
  - 13.11.5 SWOT Analysis
  - 13.11.6 Key Developments
- 13.12 ForeFlight LLC
  - 13.12.1 Key Facts
  - 13.12.2 Business Description
  - 13.12.3 Products and Services
  - 13.12.4 Financial Overview
  - 13.12.5 SWOT Analysis
  - 13.12.6 Key Developments
- 13.13 Amadeus IT Group SA
  - 13.13.1 Key Facts
  - 13.13.2 Business Description
  - 13.13.3 Products and Services
  - 13.13.4 Financial Overview
  - 13.13.5 SWOT Analysis
  - 13.13.6 Key Developments
- 13.14 Universal Weather and Aviation, Inc.
  - 13.14.1 Key Facts
  - 13.14.2 Business Description
  - 13.14.3 Products and Services
  - 13.14.4 Financial Overview
  - 13.14.5 SWOT Analysis
  - 13.14.6 Key Developments
- 13.15 Airsupport A/S
  - 13.15.1 Key Facts
  - 13.15.2 Business Description
  - 13.15.3 Products and Services
  - 13.15.4 Financial Overview
  - 13.15.5 SWOT Analysis
  - 13.15.6 Key Developments
- 13.16 Deutsche Lufthansa AG
  - 13.16.1 Key Facts
  - 13.16.2 Business Description

- 13.16.3 Products and Services
- 13.16.4 Financial Overview
- 13.16.5 SWOT Analysis
- 13.16.6 Key Developments
- 13.17 RocketRoute Ltd.
  - 13.17.1 Key Facts
  - 13.17.2 Business Description
  - 13.17.3 Products and Services
  - 13.17.4 Financial Overview
  - 13.17.5 SWOT Analysis
  - 13.17.6 Key Developments

## **14. APPENDIX**

- 14.1 About Us
- 14.2 List of Abbreviations

## List Of Tables

### LIST OF TABLES

Table 1. Asia Pacific Flight Planning Software Market Segmentation

Table 2. Aircraft Orders and Deliveries, by Boeing and Airbus, 2020 and 2023

Table 3. Military Expenditure of Major Countries (2020-2023)

Table 4. Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Table 5. Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Component

Table 6. Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Deployment

Table 7. Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

Table 8. Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Country

Table 9. Australia: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Component

Table 10. Australia: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Deployment

Table 11. Australia: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Application

Table 12. China: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Component

Table 13. China: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Deployment

Table 14. China: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Application

Table 15. India: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Component

Table 16. India: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Deployment

Table 17. India: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Application

Table 18. Japan: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Component

Table 19. Japan: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Deployment

Table 20. Japan: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Application

Table 21. South Korea: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Component

Table 22. South Korea: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Deployment

Table 23. South Korea: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Application

Table 24. Rest of APAC: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Component

Table 25. Rest of APAC: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Deployment

Table 26. Rest of APAC: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021 - 2031(US\$ Million) - by Application

Table 27. List of Abbreviations

## List Of Figures

### LIST OF FIGURES

- Figure 1. Asia Pacific Flight Planning Software Market Segmentation - Country
- Figure 2. Asia Pacific Flight Planning Software Market - Key Market Dynamics
- Figure 3. Impact Analysis of Drivers and Restraints
- Figure 4. Asia Pacific Flight Planning Software Market Revenue (US\$ Million), 2021-2031
- Figure 5. Asia Pacific Flight Planning Software Market Share (%) - by Component (2023 and 2031)
- Figure 6. Software: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 7. Services: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 8. Asia Pacific Flight Planning Software Market Share (%) - by Deployment (2023 and 2031)
- Figure 9. Cloud: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 10. On-Premise: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 11. Asia Pacific Flight Planning Software Market Share (%) - by Application (2023 and 2031)
- Figure 12. Logistics and Cargo: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 13. Airport: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 14. Private Airlines: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 15. Commercial Airlines: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 16. Flight School and Training Center: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 17. Military and Defense: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 18. Asia Pacific Flight Planning Software Market Breakdown, by Key Countries, 2023 and 2031 (%)
- Figure 19. Australia: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021- 2031 (US\$ Million)

Figure 20. China: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021- 2031 (US\$ Million)

Figure 21. India: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021- 2031 (US\$ Million)

Figure 22. Japan: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021- 2031 (US\$ Million)

Figure 23. South Korea: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021- 2031 (US\$ Million)

Figure 24. Rest of APAC: Asia Pacific Flight Planning Software Market - Revenue and Forecast, 2021- 2031 (US\$ Million)

Figure 25. Heat Map Analysis by Key Players

Figure 26. Company Positioning and Concentration

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