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South & Central America Flight Planning Software Market Report (2021–2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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Abstracts

The flight planning software market in South and Central America was valued at approximately US$ 46.67 million in 2023 and is projected to grow to US$ 74.29 million by 2031, reflecting a compound annual growth rate (CAGR) of 6.0% during this period.

Growth Drivers in the Market

The surge in deliveries of general aviation aircraft and helicopters has significantly contributed to the growth of the flight planning software market in the region. According to the General Aviation Manufacturers Association (GAMA), there were 3,050 airplane deliveries and 962 helicopter deliveries in 2023, marking increases of 9% and 9.8%, respectively, compared to the previous year. The backlog of orders across all segments of general aviation is expected to further enhance delivery rates from 2023 to 2031. This increase in aircraft deliveries is driving demand for flight planning software, which is essential for various applications including weather monitoring, flight scheduling, operational efficiency, route planning, data-driven decision making, fuel efficiency, and altitude profiling.

Market Overview

Brazil stands out as a key player in the commercial aviation sector within South and Central America. The National Civil Aviation Agency (ANAC) reported that Brazil recorded 831,000 flights in 2022, a 39% increase from 2021. This included 731,000 domestic flights (up 33.7%) and 100,000 international flights (up 89%). The growth in Brazil's flight planning software market is fueled by airport expansion initiatives, fleet growth, and overall economic development. Major Brazilian airports are undergoing

significant expansions and modernization efforts to handle the increasing passenger volume, which is expected to drive demand for flight management software focused on scheduling, route optimization, and fuel efficiency. For instance, in May 2023, VINCI Airports initiated the expansion and modernization of Boa Vista airport in Roraima, Brazil, which included comprehensive renovations of the runway and terminal facilities.

The Brazilian government has also implemented various initiatives to bolster its aviation industry, enhancing manufacturing capabilities and supply chains that support air cargo operations. Notably, Embraer, a leading Brazilian aircraft manufacturer, has been active in delivering aircraft to the Brazilian Air Force and other airlines, further stimulating the market for flight planning software as the fleet expands.

Market Segmentation

The South and Central America flight planning software market is segmented based on deployment, application, component, and country:

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

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

3. Application: The applications of flight planning software include logistics and cargo, airport operations, private airlines, commercial airlines, flight schools and training centers, and military and defense. The commercial airlines segment was the largest in 2023.

4. Country: The market is segmented into Brazil, Argentina, and the Rest of South America, with Brazil leading the market share in 2023.

Key Players in the Market

Several prominent companies are active in the South and Central America flight planning software market, including:

CAE Inc

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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

RocketRoute Ltd.

These companies are instrumental in providing innovative flight planning solutions that cater to the growing demands of the aviation industry in South and Central America.

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