

South & Central America Aircraft Wiring Harness Market Forecast to 2030 - Regional Analysis - by Type (Wire Harness Terminal, Wire Harness Connector, and Others) and Material (PVC, Polyethylene, Polyurethane, Thermoplastic Elastomers, and Vinyl)

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Abstracts

The South & Central America aircraft wiring harness market is expected to grow from US\$ 102.04 million in 2022 to US\$ 152.54 million by 2030. It is estimated to register a CAGR of 5.2% from 2022 to 2030.

Retrofitting of Older Aircraft Fleet Fuels South & Central America Aircraft Wiring Harness Market

The deployment of several retrofitting technologies, which indicate the implementation of newer technologies on older airplane fleet, help strengthen passenger safety and comfort and facilitate the airlines in maintaining their older fleet. Retrofitting is done to improve the performance and capabilities of older aircraft. Upgraded wire harnesses can contribute to better reliability, reduced downtime, and improved functionality, making the most out of retrofit investment by various companies. Retrofitting can extend the operational lifespan of older aircraft, enabling them to remain in service for a long duration. As these aircraft continue to operate, there is an ongoing need for replacing wire harnesses due to wear and tear. Retrofitting older aircraft can be a cost-effective alternative to purchasing new ones. As airlines and operators seek to maximize the value of their existing fleets, they will require reliable and updated wire harnesses to support the retrofit projects. For example, the trend for cabin retrofits became more prominent after the post-peak-pandemic phase. Through the pandemic a lot of airlines ground its fleet and this grounding time, offered them an opportunity to upgrade their cabin. Retrofitting can include updates to improve the environmental performance of

aircraft, such as reducing fuel consumption and emissions. Wire harnesses that contribute to these goals, including those designed for more efficient electrical systems, continue to record significant demand. Hence, integrating advanced and modern technologies into older aircraft fleets is expected to change the aircraft wiring harness market landscape and the face of the aviation industry. Thus, the retrofitting of older aircraft fleets is expected to provide lucrative opportunities for the market players in the coming years.

South & Central America Aircraft Wiring Harness Market Overview

As per data from the International Air Transport Association (IATA), SAM recorded a 9.0% increase in air freight volumes in August 2022 compared to August 2021. According to data from the World Bank, the number of air passengers in SAM jumped from ~81 million in 2020 to ~127 million in 2021. The growth is mainly attributed to the new routes, expanded capacities such as airports and infrastructures, and the relaxation of COVID-related restrictions. Moreover, according to Agência Nacional de Aviação Civil (ANAC), Brazil's commercial aviation industry is significant. Brazil recorded ~546,000 domestic flights and 53,000 international flights in 2021. A large number of flights will increase the maintenance of the flights, which will propel the growth of the aircraft wire harness market. In August 2020, the Argentinean government announced an investment of US\$ 1.4 billion to improve airports. Further, governments of various countries in the South & Central America took several steps to manufacture sustainable electric aircraft. Moreover, the President of Brazil announced the plan to attract at least five international low-cost carriers to the country to boost the competitiveness among the active existing operators as well as lower airfares. With the increasing demand for low-cost carriers in Brazil, the repair and maintenance of the wiring system and other parts is considered essential for smooth operations. Thus, introducing low-cost carriers in Brazil propels the growth of the aircraft wiring harness market in the country.

South & Central America Aircraft Wiring Harness Market Revenue and Forecast to 2030 (US\$ Million)

South & Central America Aircraft Wiring Harness Market Segmentation

The South & Central America aircraft wiring harness market is segmented into type, material, and country.

Based on type, the South & Central America aircraft wiring harness market is segmented into wire harness terminal, wire harness connector, and others. The wire

harness terminal segment held the largest share of the South & Central America aircraft wiring harness market in 2022.

In terms of material, the South & Central America aircraft wiring harness market is categorized into PVC, polyethylene, polyurethane, thermoplastic elastomers, and vinyl. The PVC segment held the largest share of the South & Central America aircraft wiring harness market in 2022.

Based on country, the South & Central America aircraft wiring harness market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America aircraft wiring harness market in 2022.

Collins Aerospace, GKN Aerospace Services Ltd, Latecoere SA, Safran SA, and Samvardhana Motherson International Ltd are some of the leading companies operating in the South & Central America aircraft wiring harness market.

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