

Another volume of the journal of the University of the Air Force was completed, making new scientific articles available to readers. The current publication corresponds to the fourth edition in times of pandemic. It represents the continuity of relevant services of academic nature, interconnecting Brazilian civilian and military milieus. Since the first publication, in 1985, collecting works, whether produced within the academic Aeronautical community, or the best civil academic environments has been a preoccupation for the journal. The scope of the journal allows to gather articles related to Airspace Power and its constituent elements, which are investigated by diverse approaches.

Civil and commercial aviation occupy an important place in this journal. Two articles, which are similar in relation to the team, are available: both focus on the domain and the management of the Brazilian airspace. The first one, whose author is João Pedro de Souza Aguiar and Dario Eberhardt (PUC-RS) explores how the air activity can be affected by natural phenomena from the space environment and the phenomena interference in the use of satellite systems in air navigation (GNSS). The second one, by Raul Sandoval Cerqueira, who works at National Civil Aviation Agency (ANAC), discusses the regulation of the use of Automatic Dependent Surveillance by Broadcasting (ADS-B) in order to monitor the Brazilian airspace, especially in areas where conventional radar coverage is not suitable. The relation between air activity and its connections with technologies that allow safe and controlled maintenance within safety and control criteria by the responsible authorities is explained here.

Next, in this publication, an extremely up-to-date subject will be covered. Still concerning the civil aviation, the air commercial sector, it is presented another manuscript to the readers. There is also another article in this edition, which was written by Eliseu Cavalcanti de Albuquerque and Pedro Arthur Linhares Lima, advisee and adviser, respectively from the Airspace Sciences Postgraduate Program of the University of the Air Force. The text presents a prospective analysis based on mathematical modeling on the resumption and the intensification of air operations motivated by the lower circulation of aviation during the first months of the COVID-19 pandemic. In addition to the health field impacts, there were other consequences due to the pandemic, which interfered with the economy in several countries, including the Brazilian commercial aviation.

Another article, by Renato Russo Guimarães, points out a relevant contribution on the operational instruction of pilot flight instructors focused on the Instruction and Operational Maintenance Program (PIMO) under the responsibility of the 1st./2nd. Transport Group, whose activities were developed between 2012 and 2015. In short, the work involves an important aspect related to the training of aeronautical personnel of the Aeronautics Command, an activity that comprises one of the Brazilian Airspace Power components.

In view of these considerations, it is expected the dissemination of knowledge about the Airspace Power.
Good reading!

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