

## Editorial

For this opportunity, we would like to share with our readers the addition of the Crossmark button in some of our articles and the update of our Open Journal System to the version 3.0; that is why we are able to offer to our authors better metadata indexing conditions, as well as the possibility to widen the visibility per article, which favors their position in indexing and abstract systems.

Besides performing a better control of the publishing process, manage communications, and save files, this platform allows editorial normalization and the improvement of articles visibility. In consequence, we invite to our appreciated academic community to visit, interact with, and cite the publications available at [www.publicacionesfac.com](http://www.publicacionesfac.com); these advances in the production and development of *Ciencia y Poder Aéreo* journal are important and lead to a better scientific and editorial state, which in turn improves the visibility of our authors' production.

This issue, Vol. 13., N. 2 of *Ciencia y Poder Aéreo* journal -corresponding to the second semester of the current year- includes eight original scientific articles that systematically describes results derived from research projects, and which are distributed in the four sections described below:

The first section, Operational Security and Aeronautic Logistics, includes three articles: for the first one, Bruxism: an illness of altitude, authors Rocío del Pilar Corredor and Juan Fernando Varela Orduz present a study to determine the prevalence of bruxism in Colombian Air Force pilots. Up next, author Andrés Palomino, in his article Wing structural evaluation of category VLA aircraft for certification in Colombia, reports a case in which describes the work and results of wing structural evaluation, performed on the Colombian designed and manufactured WA500-AG aircraft. In the third article, Transfer model design of operation reference methodology for supply chain for the Colombian Air Force, authors Elvin Perea Lemos and Pedro José Sánchez Caimán state an improvement proposal for the performance of the supply chain as a determining factor for aircraft warmup by means of a transfer model design of operation reference methodology for supply chain.

The second section, Management and Strategy, introduces the article Siege to Güepi: Colombian Air Force. An Outlook to a transcendental operation, by Abraham Ortiz Miranda, in which a historic revision of the phenomenon occurred during the Colombian-Peruvian conflict is made, demonstrating the transformation that it implied in the relevance of aerial power within Colombian military forces.

In the third section, Technology and Innovation, authors Julián Andrés Rodríguez Cárdenas, Jorge Mario Paternina, and Juan Francisco Guzmán Zabala present a Comparative study of mobile applications in the measurement error with remotely piloted aircrafts (RPA), in which





the top five apps used in the photogrammetry market are reported with the intention of evaluating the measurement error associated to each of them through the construction of orthomosaics with the ZENMUSE X3 (FC350) camera, with 12 mp resolution, of drone DJI. Next, authors Germán Wedge Rodríguez Pirateque and Jorge Sofrony Esmeral present the article Revision of network control systems as a base for small scales satellite systems, in which they introduce different work approaches developed around the contributions of network control systems, as a basis for the development of new technologies in the operation of satellite systems and aerospace services, which have become a permanent challenge for diverse disciplines and developing countries around the globe. The article that closes the section, *Influência da porcentagem da fração fina proveniente do agregado graúdo no desempenho de concreto permeável*, by authors Gersson Fernando Barreto Sandoval, Nicole Schwantes-Cezario, Geovana Souza Nogueira y Berenice Martins Toralles, presents a study in which it is analyzed the influence of percentage of fine fraction from the coarse aggregate on the mechanical and hydraulic properties of PC manufactured with 19 mm (B1), 9.5 mm (B0) and 50/50 (50B0/50B1) of the two mentioned.

To close this issue, and for our fourth section, Teaching and education, the article *Flight simulators: a revision* by authors Luis Carlos Villamil Rico, Edna Joydeth Avella Rodríguez and Jorge Antonio Tenorio Melo presents the development of a state of art of the project *Development and construction of a flight trainer for aircraft Cessna T-41 for Escuela Militar de Aviación Marco Fide Suárez*.

We consider that the articles comprising this issue of Ciencia y Poder Aéreo vol. 13-2 are a valuable input for the aeronautic and aerospace areas of knowledge. May this moment be appropriate to thank our collaborators, who day after day strengthen the editorial proposal of this journal with their work.

**Lieutenant colonel Wilson Augusto Jaramillo García**  
*Director - Ciencia y Poder Aéreo journal*

**OD18 Erika Juliana Estrada Villa**  
*Editor*