



ANAC updates

TSO approval process
September, 2023

Presented by
P. Macário

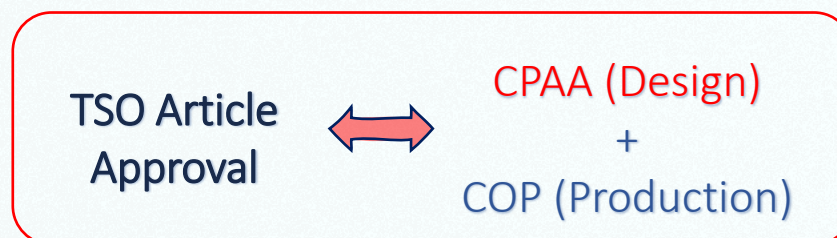
Objective

Provide the latest updates on the ANAC process over TSO approvals in Brazil and bilateral provisions.

Brazilian TSO associated requirements

Base regulation overview

- RBAC 21 (similar to 14 CFR Part 21) contains the requirements for TSO approvals under Subpart O.
- The Brazilian OTP (Ordem Técnica Padrão) corresponds to the FAA TSO.
- Per 21.601(b)(1) ANAC adopts the same standards as the FAA.
- Two separate approvals:
 - a certificate issued for the design approval (“CPAA”);
 - a certification issued for the production organization associated with the design (“COP”).



RBAC stands for Regulamento Brasileiro de Aviação Civil, i.e., Brazilian Civil Aviation Requirements.

Revision on Supplementary Instruction IS 21-010-G



Procedures for approval of foreign civil aeronautical products and import of any civil aeronautical product

This instruction was updated recently, in July of 2023. It is a guideline on requirements and procedures for approval and import foreign civil aeronautical product into Brazil.

One of the main changes was the inclusion of the section 5.11 “Customs aspects of products import”.

- It's established that **requirements issued by ANAC and by the Brazilian customs authority are applicable to import aeronautical products.**
- the export airworthiness approval (e.g., EASA Form 1, FAA Form 8130, etc.) shall have been **issued prior to the shipping or flight to Brazil** and it shall be available to ANAC and to the customs authority in the moment of entry of the product in Brazil, **except in the cases are listed in paragraph 5.11.3.**
- **Rationale:** Reduce the entrance of products, parts, appliances and components import to Brazil without an export airworthiness approval (e.g., scrapped, accidented or damaged products that have not been previously repaired in accordance with the applicable maintenance regulation; new parts only for sale in the US domestic market, etc.).

Revision on Supplementary Instruction IS 21-010-G



Procedures for approval of foreign civil aeronautical products and import of any civil aeronautical product

The export airworthiness approval is not required to be available in the moment of entry of the product in Brazil in the following cases:

- Products for which an export airworthiness approval is not required (e.g., standard parts and commercial parts);
- Products admitted temporarily for being submitted to maintenance in a maintenance organization holding a foreign certification, for later export without utilization in Brazil.
- Products meeting specific conditions established in an international agreement between Brazil and exporting country.

This IS can be found in the following internet address (available in English):

<https://www.anac.gov.br/assuntos/legislacao/legislacao-1/iac-e-is/is/is-21-010g>

Publication of The Guide on Import Aeronautical Products

In complement of the publication of the IS 21-010, ANAC also published in August/2023 The Aeronautical Products Import Guide consolidating the main aspects of ANAC regulations affecting the import of aeronautical products and their use in Brazil. This Guide is focused on importers, custom brokers, aircraft operators and maintenance organizations, simplifying the understanding of regulations for non-civil-aviation professionals.

This guide provides:

- Terms & Definitions;
- Legal Basis;
- Classification of Aeronautical Products;
- List of the required documentation for each type of product;
- Examples of products whose usage is prohibited in Brazil;
- Guideline on International Agreements;
- Marking and Traceability of Aeronautical Products;



This Guide is available on the ANAC website:

<https://www.gov.br/anac/en/topics/aircraft/GuiasobreImportacaodeProdutosAeronauticosENG.pdf>

Updates on Bilateral Agreements

ANAC & TCCA



On June, 2023 was signed the Implementation Procedures on Airworthiness (IPA) between ANAC and TCCA.

This IPA formalizes the validation and acceptance procedures for aeronautical product designs between Brazil and Canada, consolidating the long history of cooperation in certification area between the two civil aviation authorities. With this IPA, ANAC and TCCA establish the procedures to be followed for recognition of aeronautical product designs originally certified in one State for operation in the other State.



Remarkable related to TSO articles:

- All OTP/CAN-TSO appliances/articles approvals by ANAC and TCCA now could benefit from a full and automatic acceptance by each other.

The IPA can be accessed at: <https://sistemas.anac.gov.br/certificacao/Acordos/Acordos.asp>

Updates on Bilateral Agreements

ANAC & EASA



The Airworthiness Implementation Procedures between ANAC and EASA are under review and the proposed document is **still being discussed at a technical level**.

At this stage, the text can still be significantly changed, however, there is a proposal to **remove the current common list of Technical Standards Orders** that are considered technically equivalent between Brazil and the European for reciprocal acceptance.

The idea is to follow the same terms for reciprocal acceptance established in agreements with ANAC/FAA and ANAC/TCCA.

The expectation for completion is July 2024.

Updates on Bilateral Agreements

MOU ANAC (Brazil) - AFAC (Mexico)



In September 2022, a **Memorandum of Understanding** was signed between ANAC and AFAC (Mexico) to enhance cooperation and increase efficiency in matters relating to civil aviation safety on the basis of equality, reciprocity and mutual benefit.

Airworthiness implementation procedure still needs to be developed. Right now, we are working on understanding each other's systems, including standards, rules, practices and procedures.

Updates on RBAC 21

Aeronautical Product Certification



There is a proposal for revision of RBAC 21 in progress (in the initial stage) which provides for the following changes in subpart O:

- Amend the 21.603 requirement to eliminate the need for the applicant to submit a declaration, at the time of the application, attesting that the article meets all performance requirements set out in the applicable OTP on the date of the application.
- Remove the prohibition on 21.614 regarding the transfer of property rights to the article approved under a TSO by the CPAA holder to allow the article to be manufactured by another company holding a COP through a licensing agreement.

“The article approved under an OTP and/or the production organization certificate or design approval letter under an OTP are not transferable.”

Updates in Progress: IS 21-005

Information on procedures for approval of aeronautical articles for application in aircraft, engines and propellers



IS 21-005 (currently under review) is now in its final stages. It will be published for public comment next month. Note: FAA ACs 21-46A and 21-50 were used as the main references.

Main updates:

- Update service request procedures.
- Provides more details on how a non-TSO function can be technically implemented outside of the TSO scope.
- Provides clarification on how to conduct a design approval for articles with a non-TSO function when the integration level of this function is inseparable from the article's TSO function.
- Procedures for approval of incomplete TSO articles.
- Clarifications on how to make/control design changes on articles with multiple TSO marks authorizations.

When available, the public comments can be made in the following address:

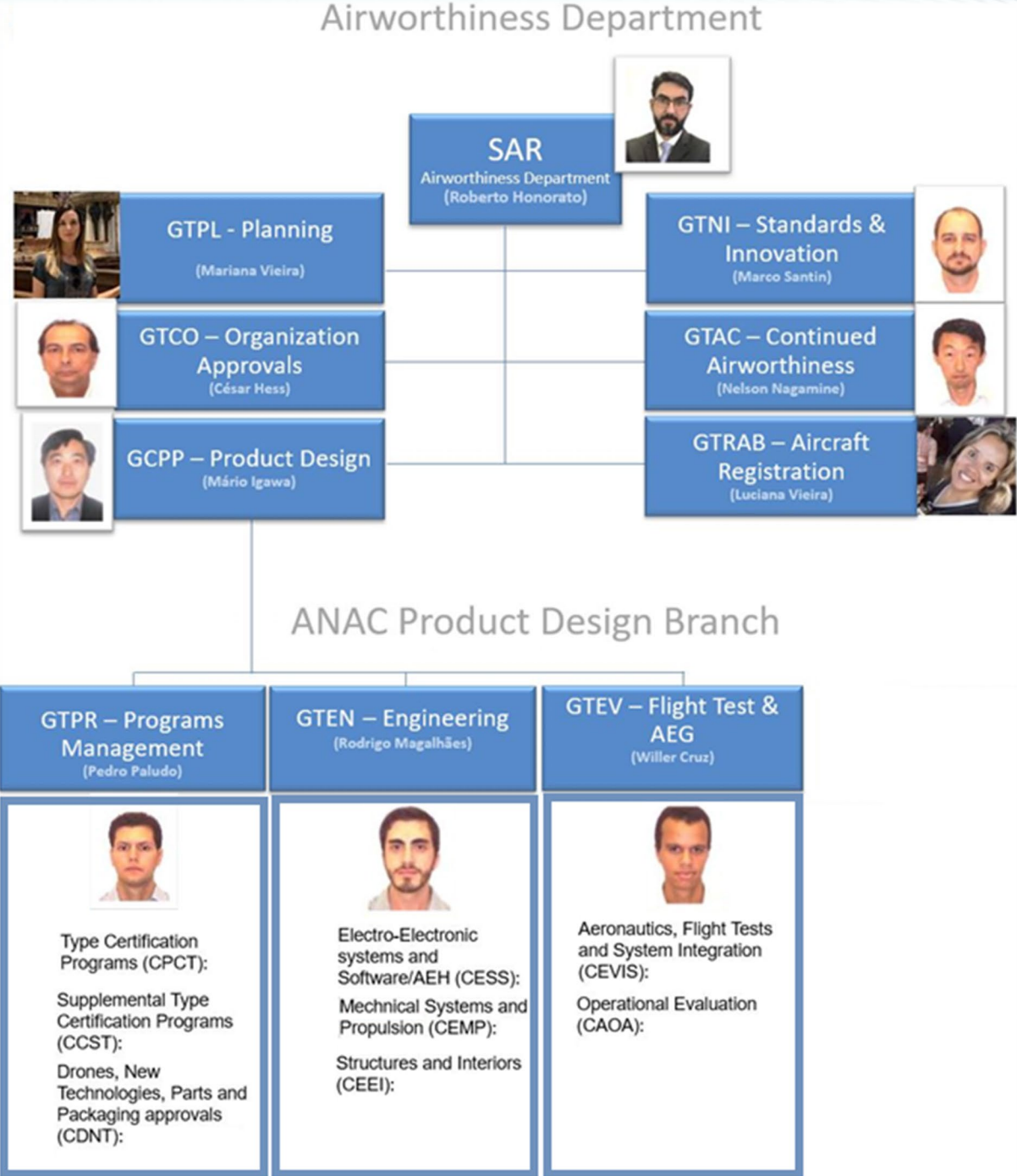
<https://www.gov.br/anac/pt-br/aceso-a-informacao/participacao-social/consultas-setoriais/consultas-em-andamento>

ANAC Organizational Chart

Airworthiness Department



Certification Office
São José dos Campos



Offices

- **Headquarters:**

- Brasília: Setor Comercial Sul - Quadra 09 - Lote C - Building Parque Cidade Corporate - Torre A (1st to 7th floor) Brasília - DF, CEP: 70.308-200

- **Regional Offices**

- Rio de Janeiro: Avenida Presidente Vargas, 850 - Centro Rio de Janeiro - RJ - Zip code 20.071/001 Phone: +55 (21) 3501-5000/5985
- São José dos Campos: Rua Dr. Orlando Feirabend Filho, 230 - Centro Empresarial Aquarius - Torre B – 14th to 18th Floor, Parque Residencial Aquarius, São José dos Campos/SP - Zip code 12.246-190 – Phone: +55 (12) 3203-6600
- São Paulo: Rua Renascença 112, Vila Congonhas - São Paulo/SP – Zip code 04612-010 – Phone: (11) 3636-8600
- Porto Alegre: Av. Severo Dullius, 1244 – Bairro São João, Porto Alegre – RS, Zip code : 90200-310
- Recife: Praça Ministro Salgado Filho, s/n - Imbiribeira, Recife/PE - Zip code : 51210-902





Questions?

Thank you very much for
your attention





Contact Information:

Paulo Fabrício Macário

Airworthiness Department – SAR

Certification Programs Technical Branch (GTPR)

Drones & New Technologies Group - CDNT

E-mail: paulo.fabricio@anac.gov.br

<https://orcid.org/0000-0002-2157-878X>



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