



Production Certification Updates

GMM 2017

Pedro Henrique Leite Paludo

Audit and Inspection Technical Management

pedro.paludo@anac.gov.br



SUMMARY

- Responsibilities;
- Organization Chart;
- Legislation related to production certification;
- ANAC regulation and procedures;
- Certified Companies.

Mission:

To promote the safety/security and the civil aviation excellence, in order to contribute for the nation development and for the Brazilian society welfare..



Main Roles

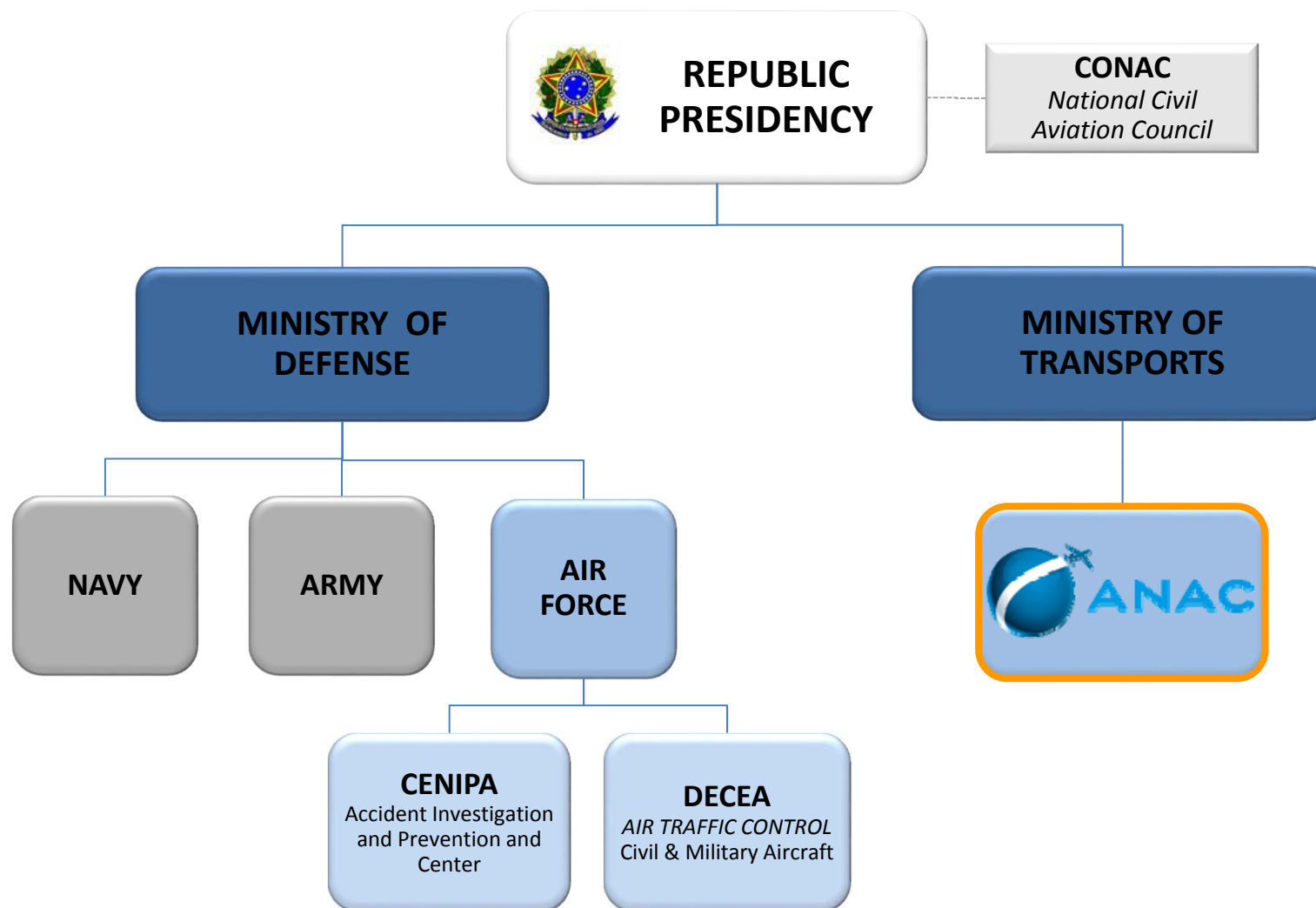
- In 2006, ANAC combined the former Department of Civil Aviation (DAC) and some offices like the Aircraft Certification Branch (CTA), assuming:
 - Technical Regulation (safety, security and environmental protection)
 - Economic Regulation (comfort for pax, slots for airlines, flight frequencies,...)

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Civil Aviation Framework

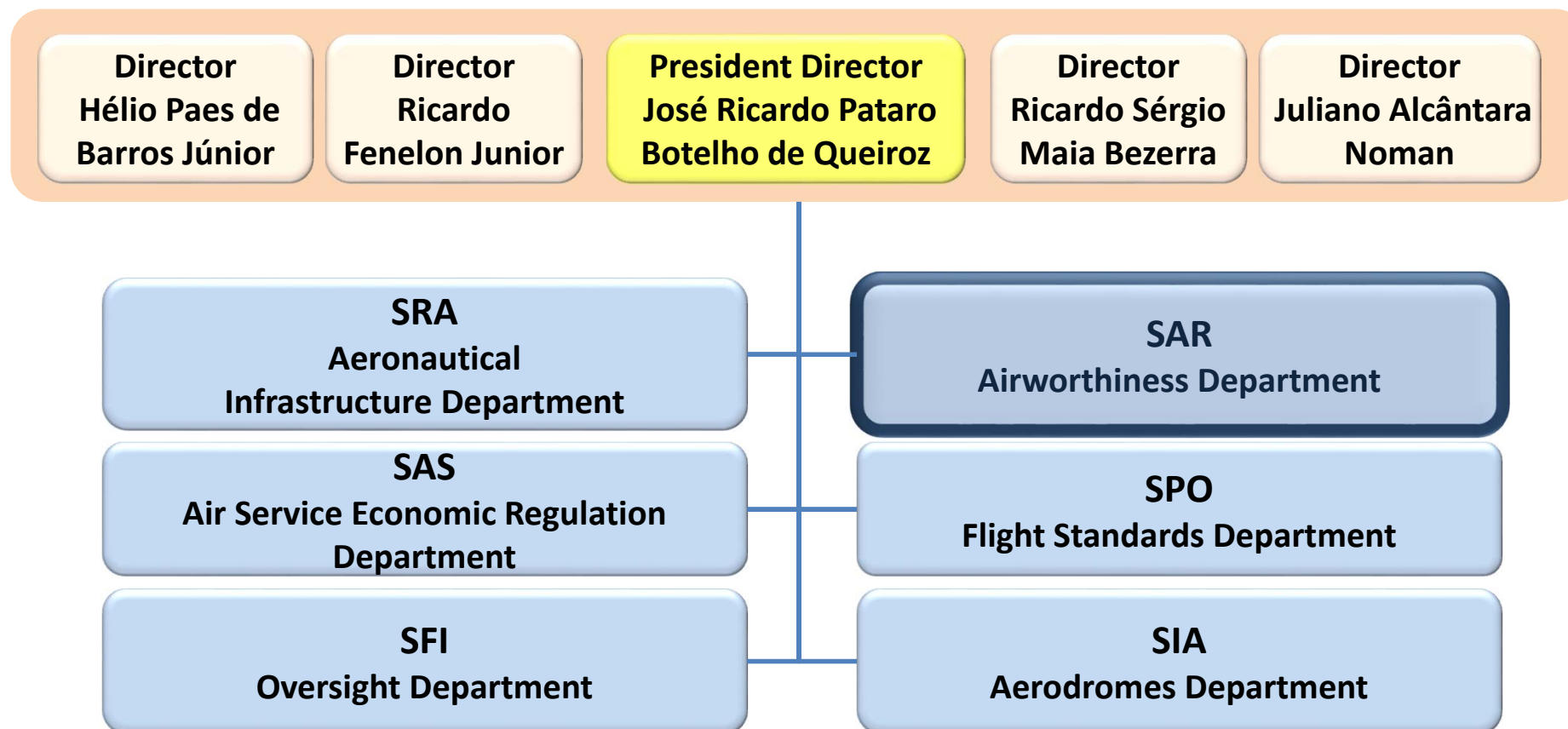


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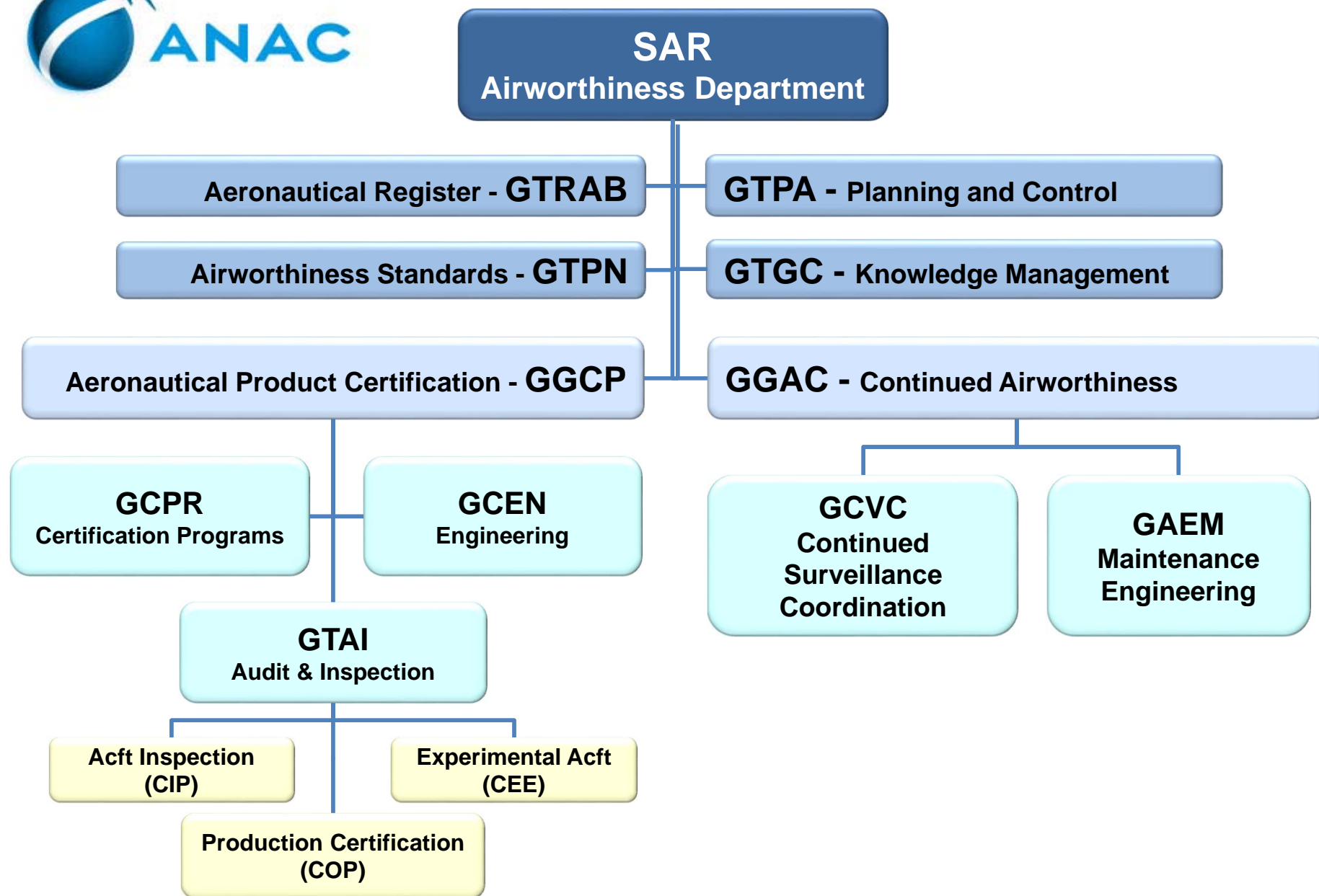


ANAC Organizational Chart



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ANAC Main Offices Geographical Location

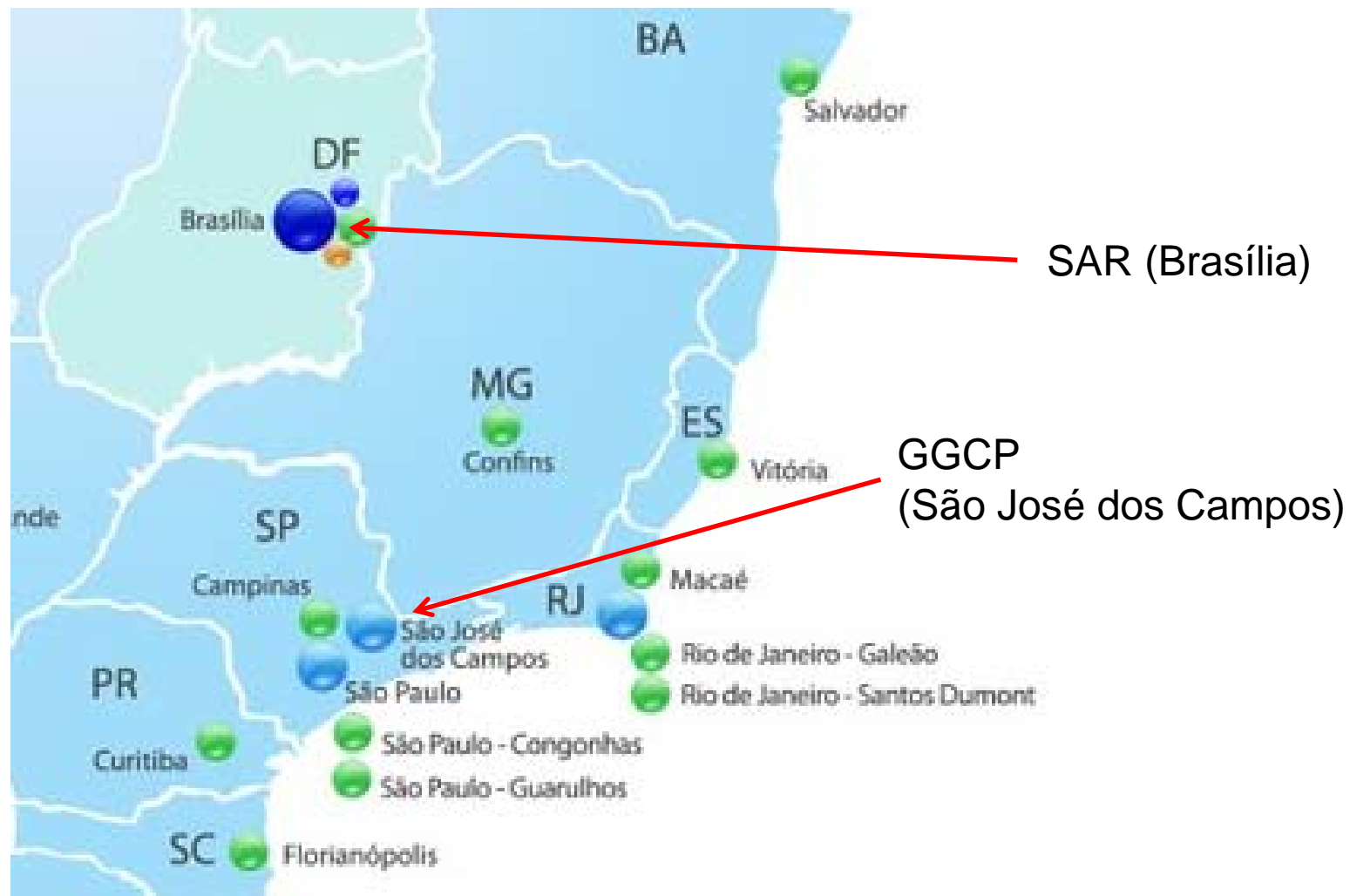


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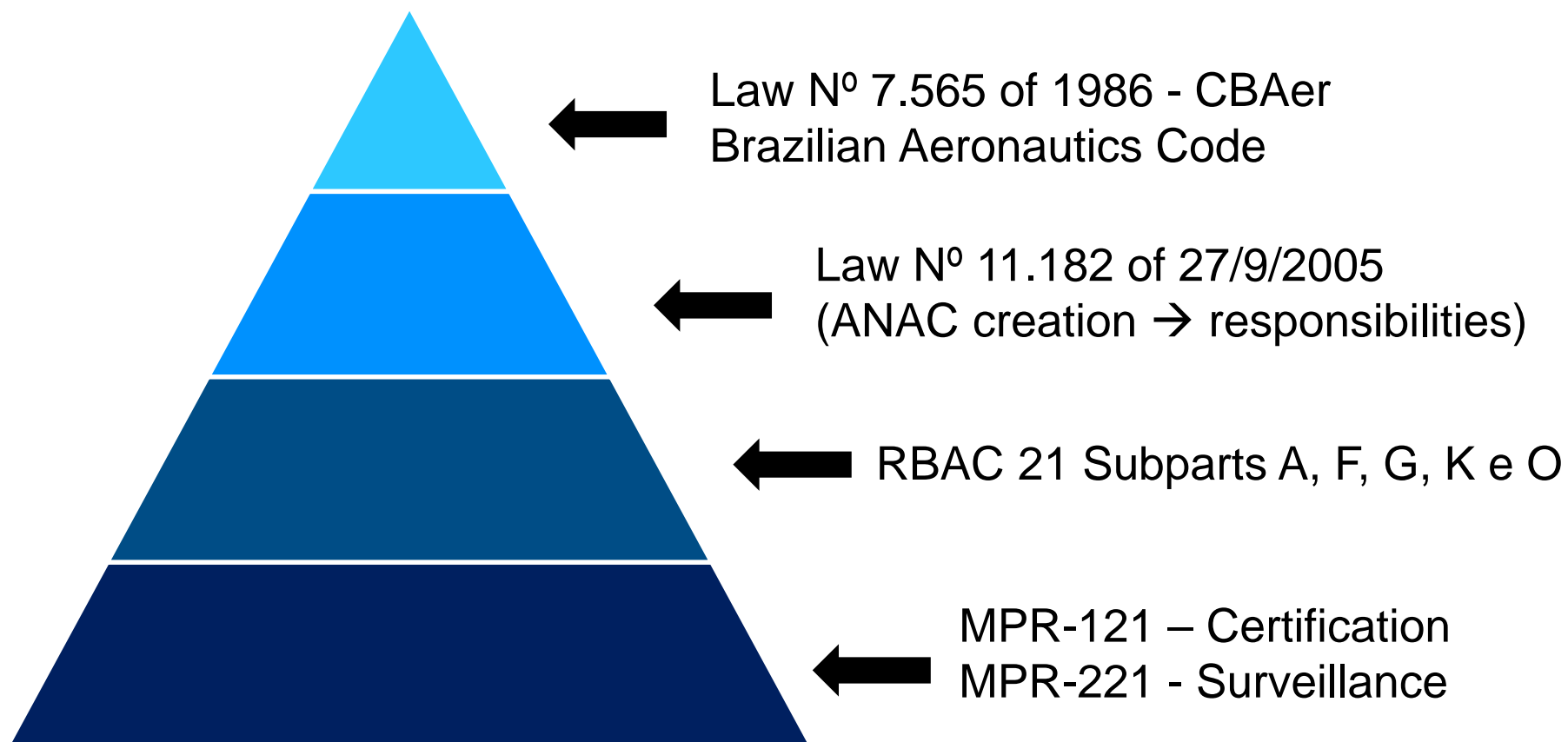
ANAC Main Offices Geographical Location



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Regulation Basis



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Production Regulation

- RBAC 21 Amd 02
 - ➔ Published on Oct/20/2015
 - ➔ Subparts F, G, K and O are similar to FAA part 21 Amd 92
- Supplementary Instructions
 - ➔ CI 21-001 Application for Type and Production Certification
 - ➔ CI 21-006 Production Certification of Aeronautical Products
 - ➔ CI 21-011 PAH Supplier Surveillance Procedures
 - ➔ CI 21-018 Product Control System Requirements for Corporative Distributor of PAH

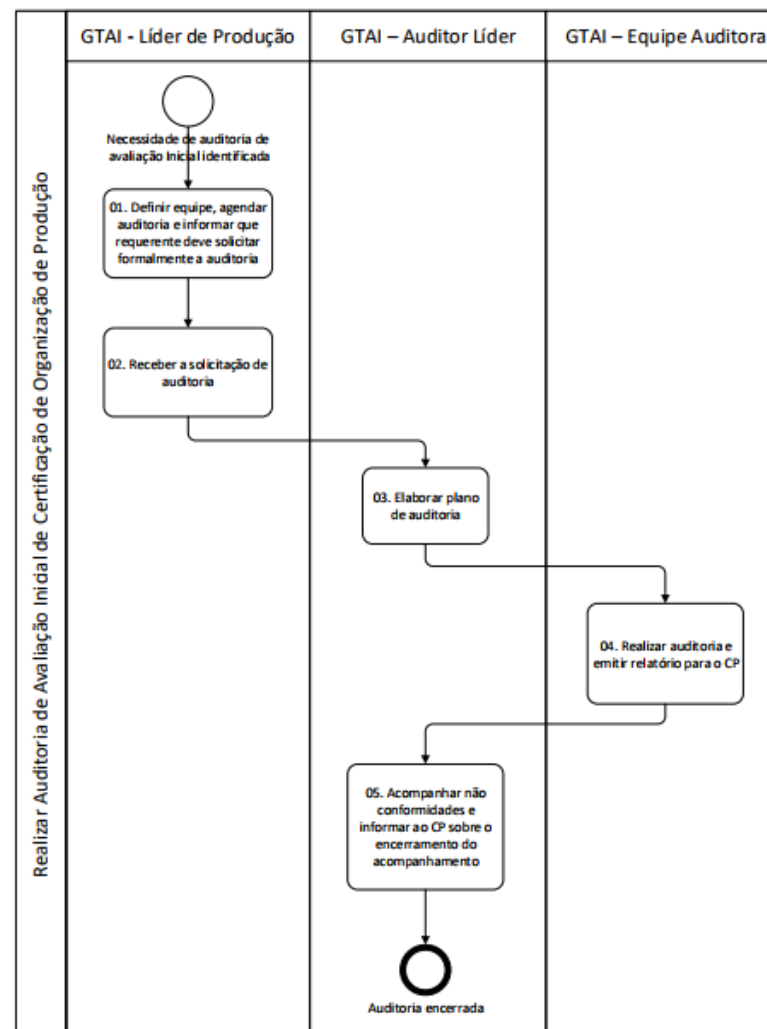
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Production Regulation

- ANAC internal procedures
 - ➔ MPR 121 Production Organization Certification
 - ➔ MPR 221 Production Organization Surveillance
 - ➔ Not available for public access
 - ➔ Work Flow based
 - ➔ Designed to be used with work flow management system (GFT)



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Electronic System of Information SEI

- System used by the entire federal administration to manage documents and processes
- All production certification related communications are made through SEI
- Production Certificate and Production Limitation are issued electronically through SEI



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Changing

- RBAC 21 Amd 03
 - ✈ To be published in 2018
 - ✈ Will consider the changes in Amd 98 of FAA part 21
 - ✈ Requires PAH to identify an accountable manager
 - ✈ Allows production certification holder to manufacture and install interface components
 - ✈ Changes supplier management
 - ✈ Allows PAH to issue ARD (ANAC form SEGVOO003)

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Changing

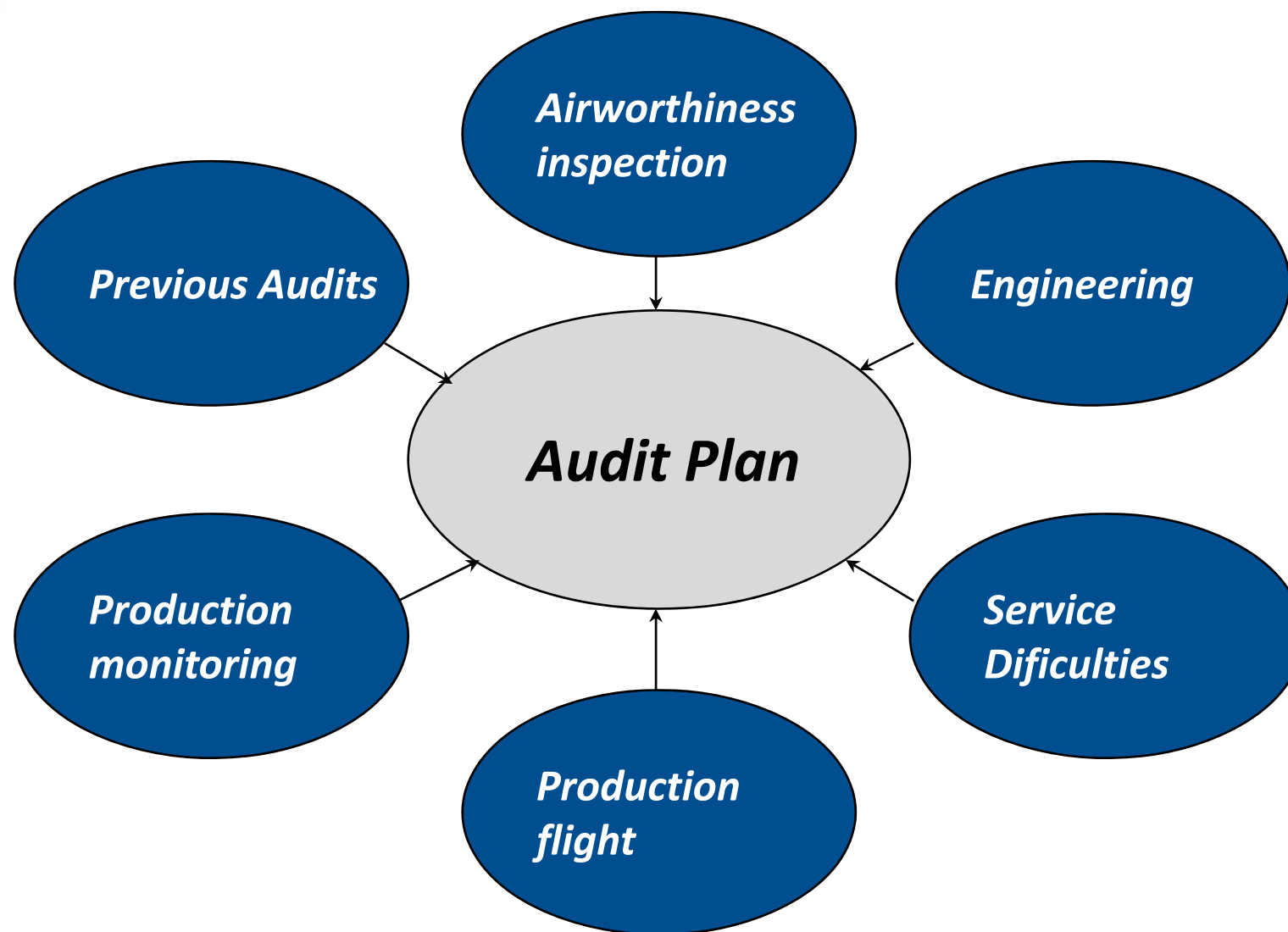
- Oversight Elements Compendium
 - ➔ All possible non compliances are listed in a document
 - ➔ The document will contain the applicable enforcement action (preventive, punitive or precautionary)

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MAIN ACTIVITIES

- Audits: initial (certification), maintenance, revalidation and non scheduled;
- Airworthiness inspection;
- Production flight;
- Supplier audits;
- Production monitoring (production line).



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CERTIFIED COMPANIES



- Development and manufacturing of aircraft and its modification and/or replacement parts.

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CERTIFIED COMPANIES



Helicópteros do Brasil S/A.

- Rotorcraft assembly;
- Manufacturing of rotorcraft replacement parts;
- Manufacturing and installation of major modifications.

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CERTIFIED COMPANIES



AGS - Aerohoses Ind. Aeron. Com. e Repres. Ltda.

- Hose assembly for aircraft.

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CERTIFIED COMPANIES



RITTER Projetos Aeronáuticos

- Manufacturing of aeromedic solutions.

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Obrigado!
(Thank you!)

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