

The Brazilian Civil Aviation Authority

National Civil Aviation Agency
ANAC
Brazil

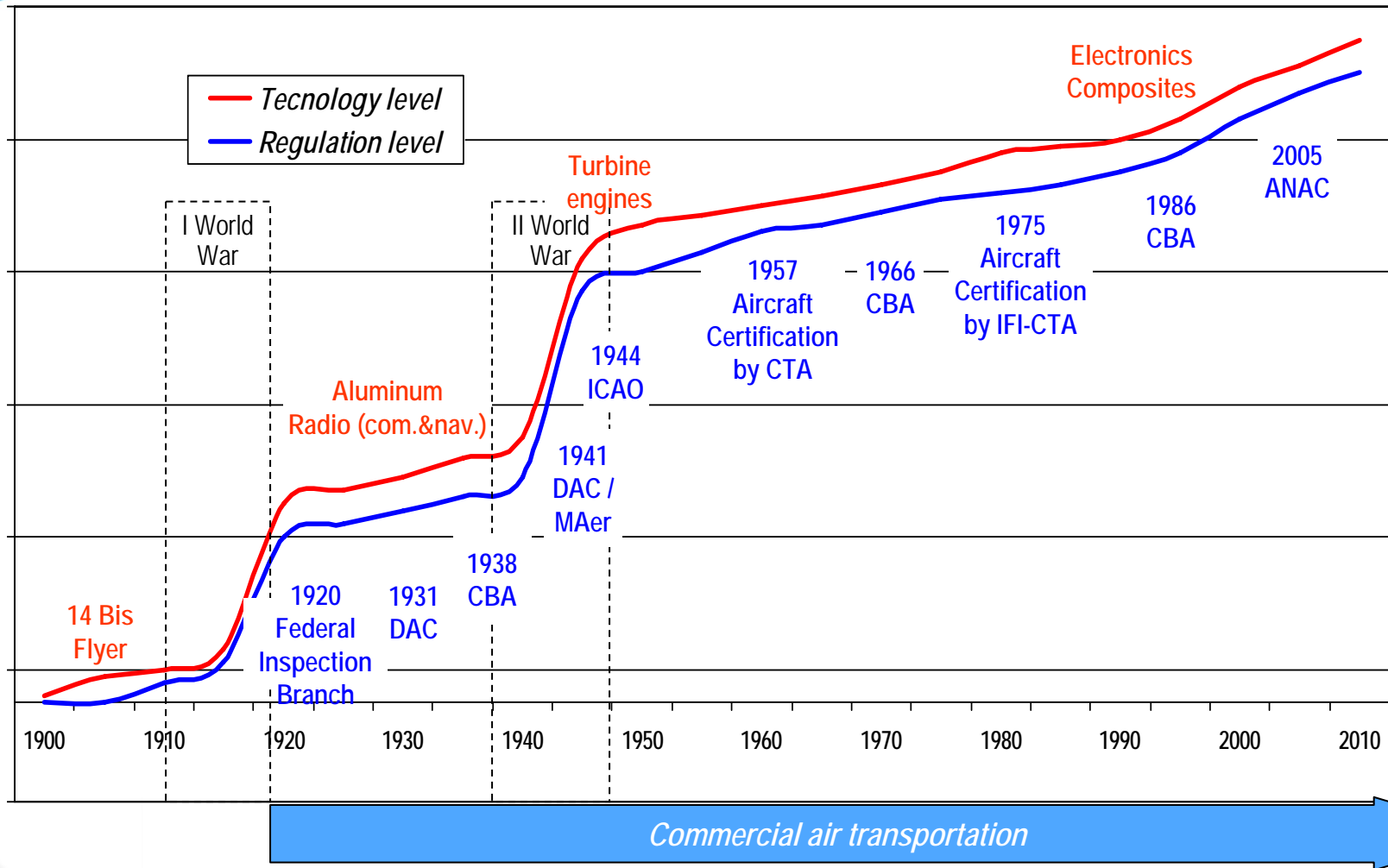
24 march 2009



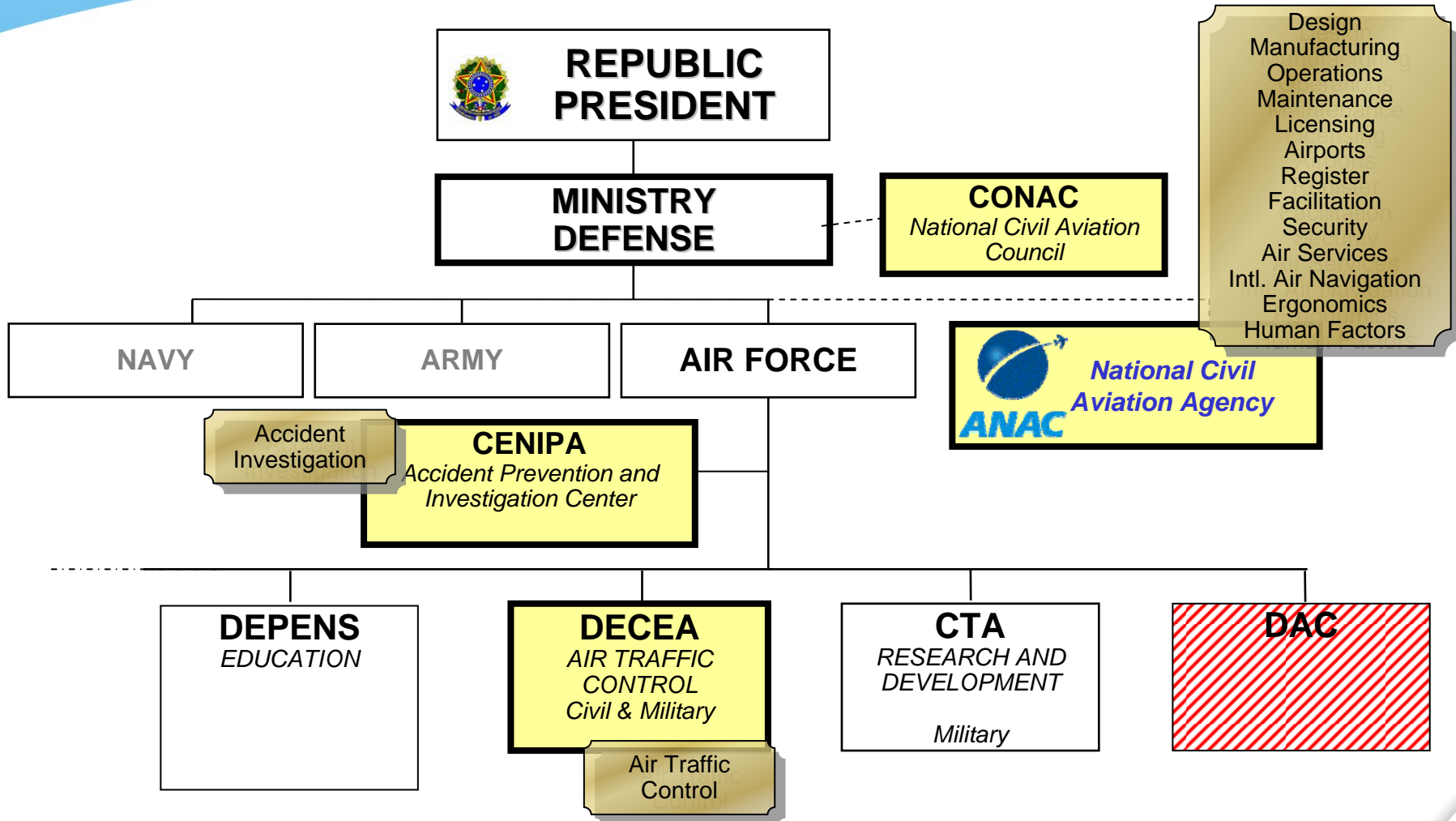
Outline

- Historical evolution
- Legal basis
- Role and responsibilities
- Organizational structure
- Aeronautical Products Certification Branch
- Agreements

Historical evolution



Civil Aviation Framework



Legal Framework

**NATIONAL
CONGRESS**

Law 7.565/1986 (CBA)
Law 11.182/2005 (ANAC)

**REPUBLIC
PRESIDENCY**

Decree 5.731/2006

CONAC

Deliberations

ANAC

Resolutions & RBHA
Guidance Material
Working Procedures

Chicago Convention

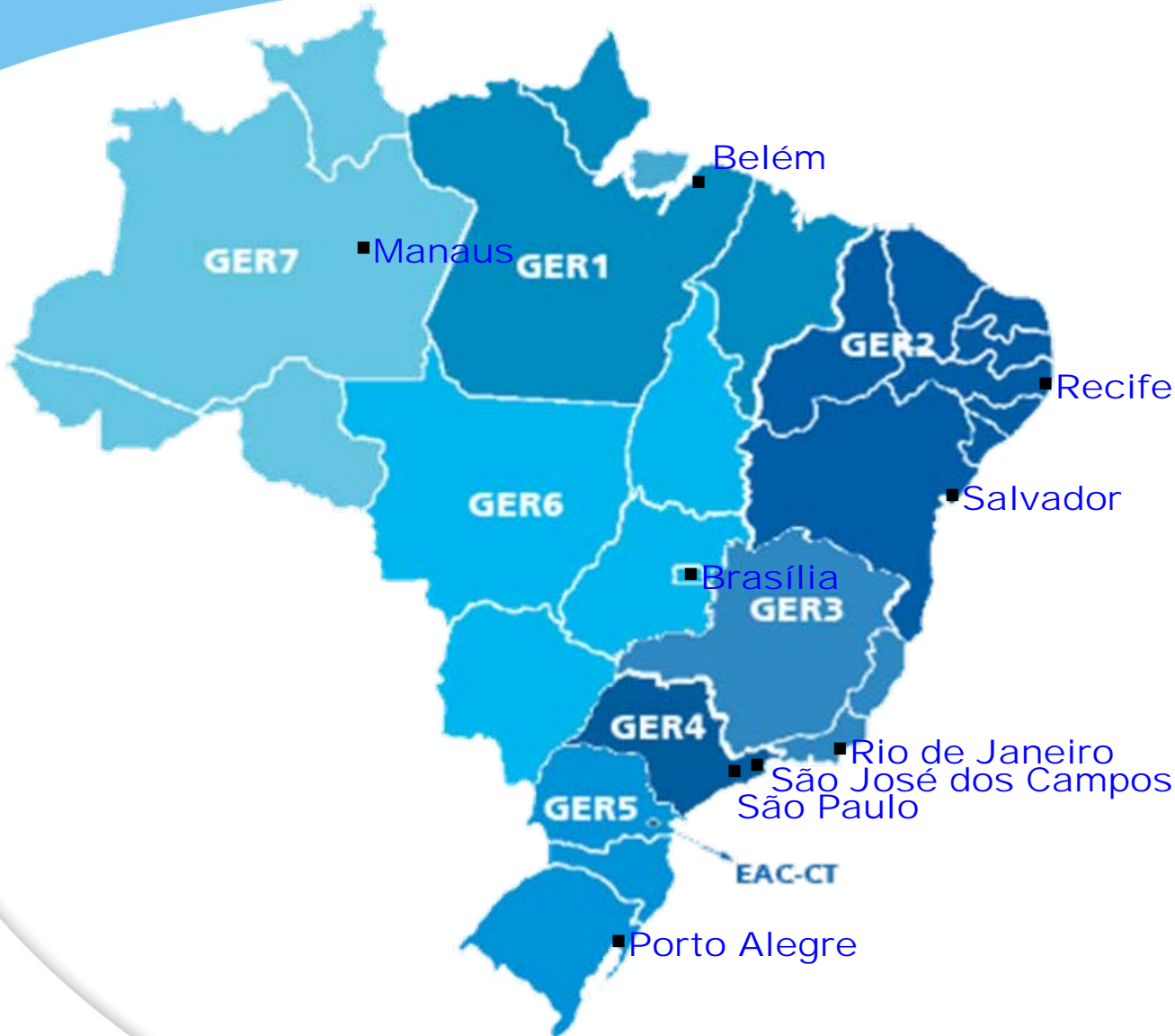


and the Annexes

ANAC Role & Responsibilities

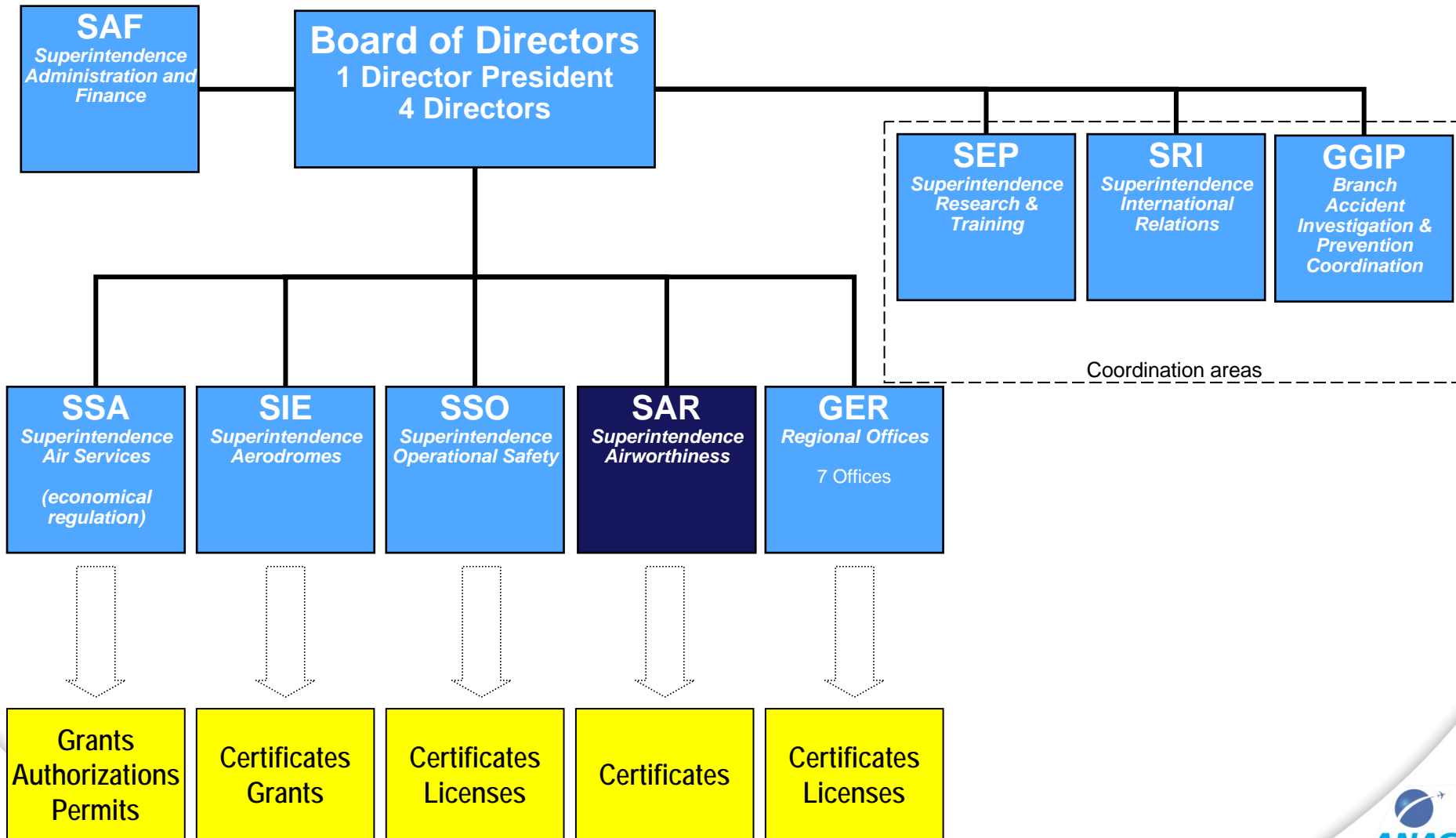
- **All the fields of civil aviation activities, except air traffic control and accident investigation**
 - **Economics regulation**
 - **Technical regulation (safety and security)**
 - **Customer protection**

ANAC Offices

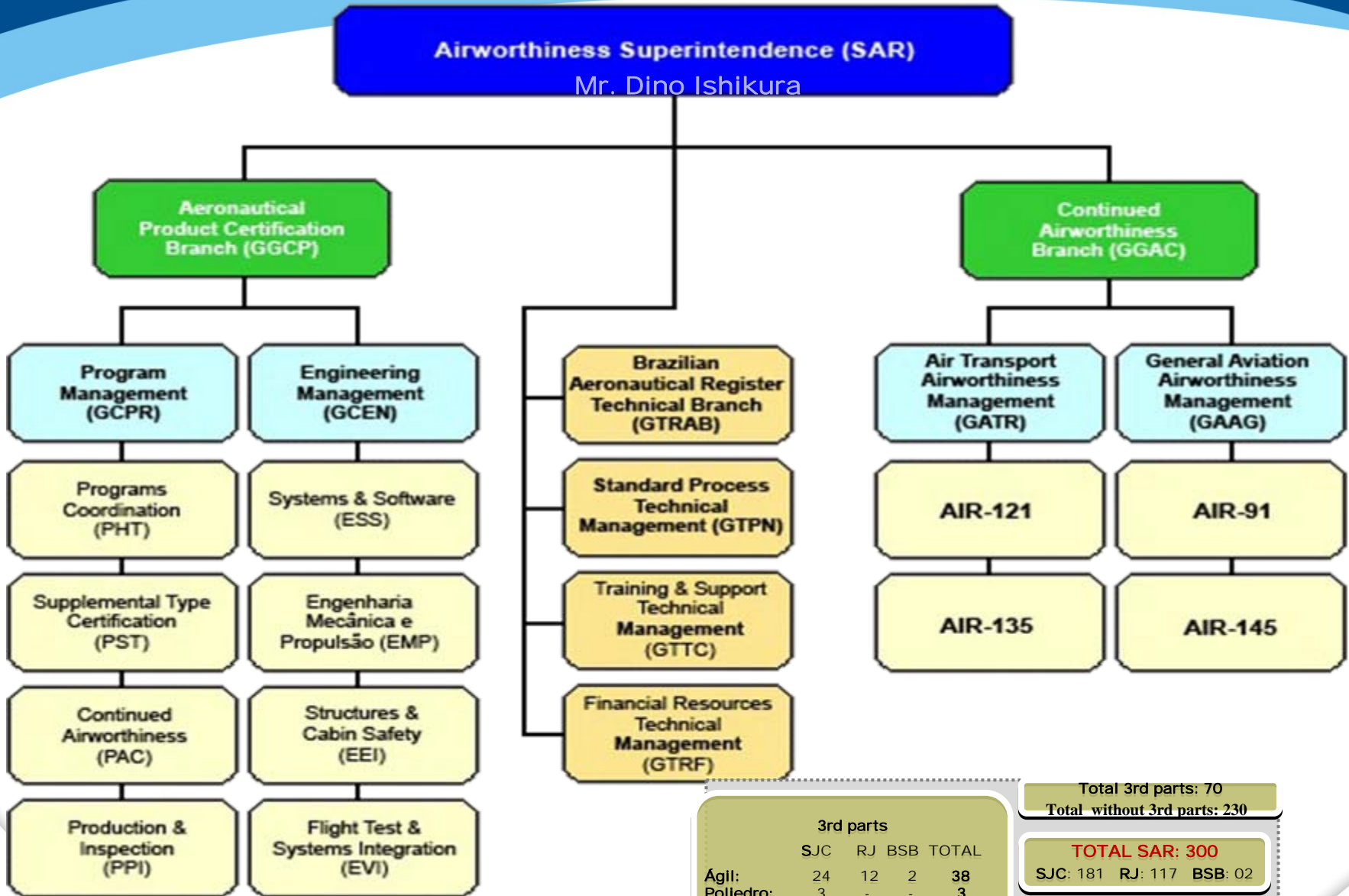


- ✈ HQ: Brasília
- ✈ Main Offices
 - ⤵ Rio de Janeiro
 - ⤵ São José dos Campos
- ✈ Regional Offices
 - ⤵ Belém
 - ⤵ Recife
 - ⤵ Rio de Janeiro
 - ⤵ São Paulo
 - ⤵ Porto Alegre
 - ⤵ Brasília
 - ⤵ Manaus

ANAC Organizational Chart



SAR Organization Chart



3rd parts				
	SJC	RJ	BSB	TOTAL
Ágil:	24	12	2	38
Polledro:	3	-	-	3
Estagiários:	9	20	-	29

Total 3rd parts: 70
 Total without 3rd parts: 230

TOTAL SAR: 300
 SJC: 181 RJ: 117 BSB: 02

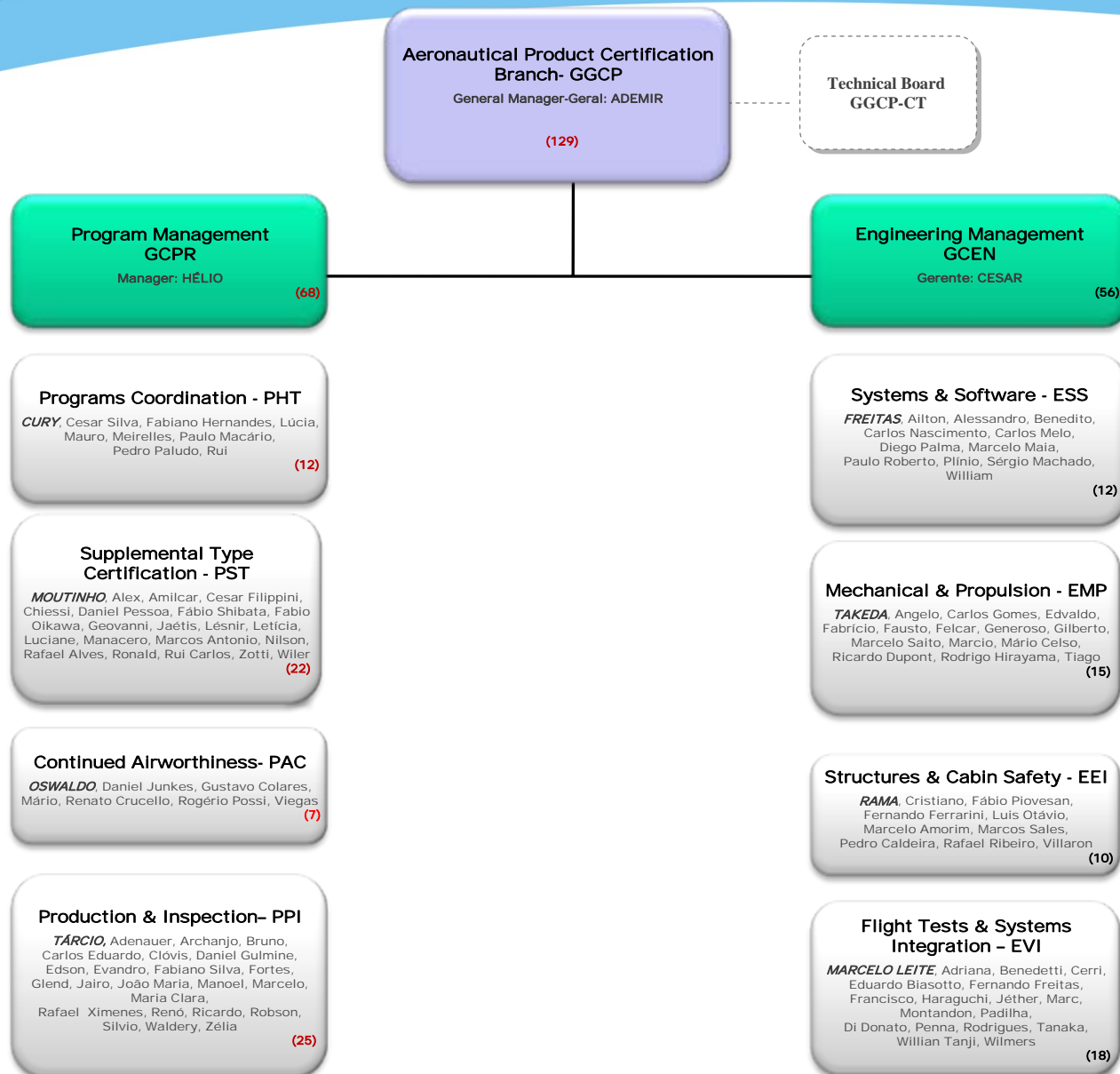
Updated: 17/03/2009

ANAC - GGCP














Av. Cassiano Ricardo 521 - Aquarius Center - Bloco B / 2 andar - Parque Residencial Aquarius - São José dos Campos - SP / CEP 13.246-870

GGCP Organization Chart - Detailed

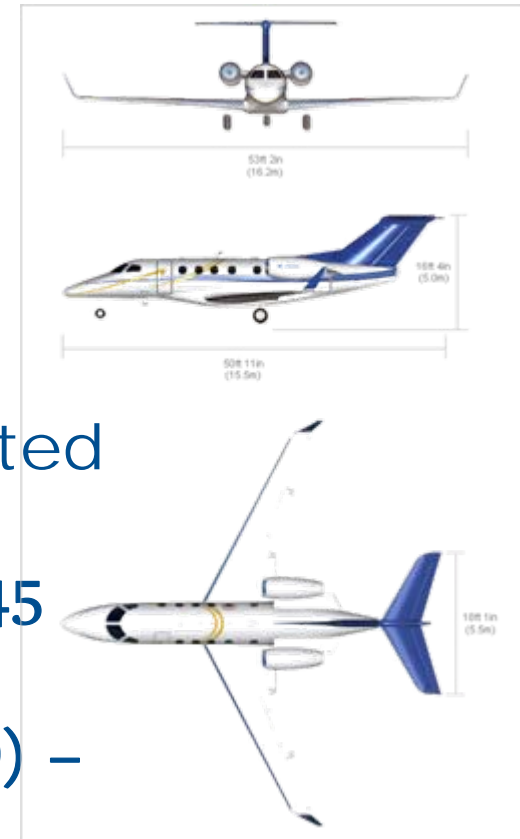


Brazilian regulations adopted by reference

Reg	Airworthiness			Licensing	Operations	
	RBHA 21 Aeronautical Product Certification				RBHA 91 General	
	Aircraft	Parts	Environment			
RBHA 01 Definitions	RBHA 22 Gliders 	RBHA 33 Engine 	RBHA 34 Emissions 	RBHA 37 Amateur Built	RBHA 61 Pilots	RBHA 101 Unmanned
RBHA 11 Rulemaking	RBHA 23 Normal, Util, Acrob & Com. Airp 	RBHA 35 Propeller 	RBHA 36 Noise 	RBHA 38 Amateur Kit Construction	RBHA 63 Flight attendant	RBHA 103 Ultra light Oper.
	RBHA 25 Transp Airpl. 			RBHA 39 Airworthiness Directives	RBHA 65 Flight Dispatcher Repairman	RBHA 105 Parachute
	RBHA 26 VLA 			RBHA 43 Maintenance	RBHA 67 Medical assessment	RBHA 119 Operator certification
	RBHA 27 Normal Rotorc 			RBHA 45 Marking	RBHA 140 Air clubs	RBHA 121 Flag operations
	RBHA 29 Transp Rotorc 			RBHA 47 Brazilian Register	RBHA 141 Aviation schools	RBHA 129 Foreign Operations
	RBHA 31 Balloons 			RBHA 145 Repair Stations	RBHA 142 Training Centers	RBHA 133 External Load
						RBHA 135 On Demand Oper.
						RBHA 137 Agricultural Oper.

Today

- ✈ Phenoms type certification
- ✈ Activities related to production approvals:
 - ✓ Embraer Harbin (China)
 - ✓ Aeromot
 - ✓ Goodyear
- ✈ Activities related to type certificated products in operation:
 - ✓ EMB 202, EMB-110, EMB-120, EMB-145 Family and EMB-170/190 Family
 - ✈ New Programs (Legacy 500/450) – EMB550/545
 - ✈ More than 500 STC process



Embraer Program Managers

EMB 110/120/121/145 – FABIANO HERNANDES

ERJ 170 / 190 / ECJ (LINEAGE 1000) – JOSÉ RUI

EMB 500/505 – LÚCIA NUNES

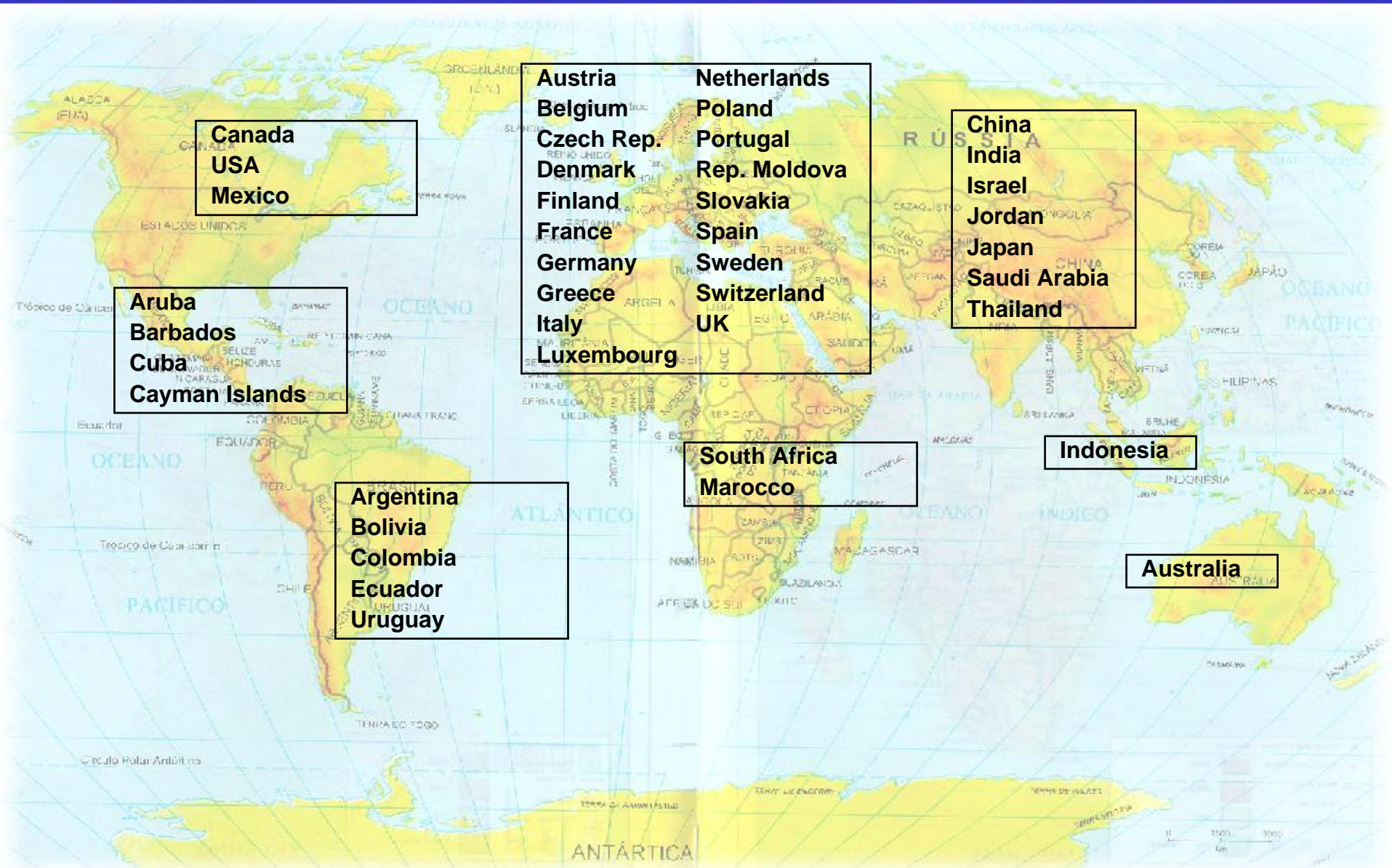
EMB 550/545 – EDSON CURY (new programs)

Brazilian Type Designs

Aircraft	Manufactured
General Aviation	> 2150
EMB-202 Ipanema	1035
EMB-110 Bandeirante	498
EMB-120 Brasília	357
EMB-121 Xingu	105
EMB-145/135	1020
ERJ-170/175	200
ERJ-190/195	130

As October 2007

Continued Airworthiness



Canada
USA
Mexico

Aruba
Barbados
Cuba
Cayman Islands

Argentina
Bolivia
Colombia
Ecuador
Uruguay

Austria
Belgium
Czech Rep.
Denmark
Finland
France
Germany
Greece
Italy
Luxembourg
Netherlands
Poland
Portugal
Rep. Moldova
Slovakia
Spain
Sweden
Switzerland
UK

South Africa
Marocco

China
India
Israel
Jordan
Japan
Saudi Arabia
Thailand

Indonesia

Australia

Bilateral arrangements

- More than 30 technical agreements to support the Brazilian type design products around the world:
 - ✓ Memorandum of Understanding, Protocol of Understanding, Arrangement, BASA, etc.
- Several countries:
 - ✓ USA, European Union, Russia, Japan, Chile, Argentina, China, non-EU European countries, etc.
- Under negotiation process:
 - ✓ Canada, Australia, Japan

Internet sites

This branch:

www.anac.gov.br/certificacao

ANAC:

www.anac.gov.br