

The background features a composite image. On the left, the Brazilian flag is partially visible, showing the green and gold colors and the Southern Cross constellation. On the right, a white commercial airplane is shown in flight against a dark blue space background with stars and light trails. A stylized map of South America is overlaid on the right side, with a network of white lines and dots representing air traffic or control systems.

BRAZILIAN DEPARTMENT OF AIRSPACE CONTROL

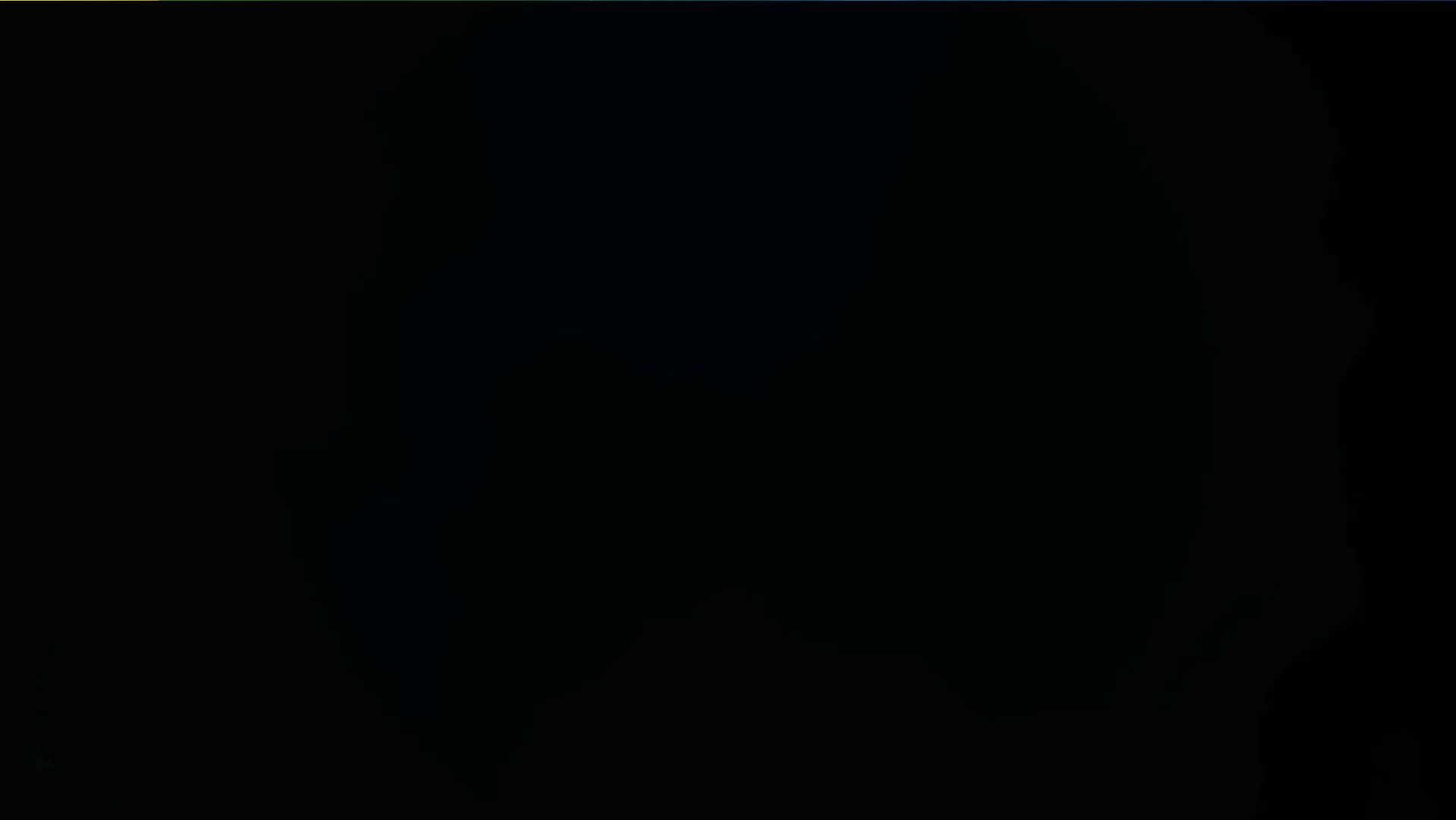
JORGE REGIS – BRAZILIAN AIR FORCE



Departamento de Controle
do Espaço Aéreo

DEPARTMENT OF AIR SPACE CONTROL - DECEA

www.decea.gov.br





UAS ACTIVITIES IN BRAZIL

SCRIPT



- » **BRAZILIAN AERONAUTICAL AUTHORITIES**
- » **UAS ACTIVITIES**
- » **THE GROWTH OF UAS OPERATIONS**
- » **INITIATIVES**



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BRAZILIAN AERONAUTICAL AUTHORITIES



Civil Authority



Military Authority



BRAZILIAN AERONAUTICAL AUTHORITIES



CAA



- Civil Aviation Regulation and Safety Oversight.
- Personnel Licensing.
- Registration Marks.
- Airworthiness Certificate Issuing.

**National Civil
Aviation Agency**



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DEPARTMENT OF AIR SPACE CONTROL - DECEA



BRAZILIAN AERONAUTICAL AUTHORITIES



- Aeronautical Meteorology.
- Aeronautical Telecommunications.
- Search and Rescue.
- Aeronautical Information Service.
- Airspace Control.

**Department of
Airspace Control**



Departamento de Controle
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DEPARTMENT OF AIR SPACE CONTROL - DECEA

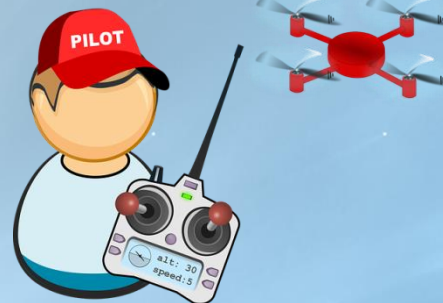


BRAZILIAN AERONAUTICAL AUTHORITIES



CIVIL AVIATION REGULATION

MAA



CAA

AIRSPACE ACCESS CONTROL



SCRIPT



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- » COLLABORATIVE EFFORTS



UAS ACTIVITIES



- 2009 – The first document regarding airspace access by Unmanned Aircraft Systems.

BRASIL

DEPARTAMENTO DE CONTROLE DO ESPAÇO AÉREO
SUBDEPARTAMENTO DE OPERAÇÕES
AV GENERAL JUSTO, 160 – 2º AND. - CASTELO
20021-130-RIO DE JANEIRO – RJ

AIC
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19 NOV 2009

TEL: (5521) 21016320

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FAX: (21) 21016198

VEÍCULOS AÉREOS NÃO TRIPULADOS

I DISPOSIÇÕES PRELIMINARES

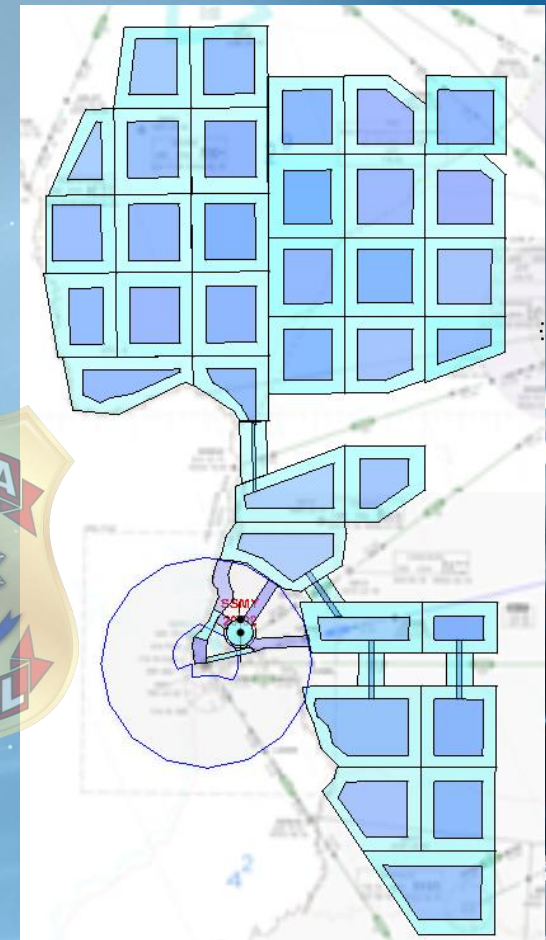
1.1 FINALIDADE

A presente Circular de Informações Aeronáuticas (AIC) tem por finalidade apresentar as informações necessárias para o uso de veículos aéreos não tripulados no espaço aéreo brasileiro.



UAS ACTIVITIES

- 2009 – Brazilian Federal Police's operations.



UAS ACTIVITIES



- 2010 – The second edition of document regarding airspace access by Unmanned Aircraft Systems.

BRASIL

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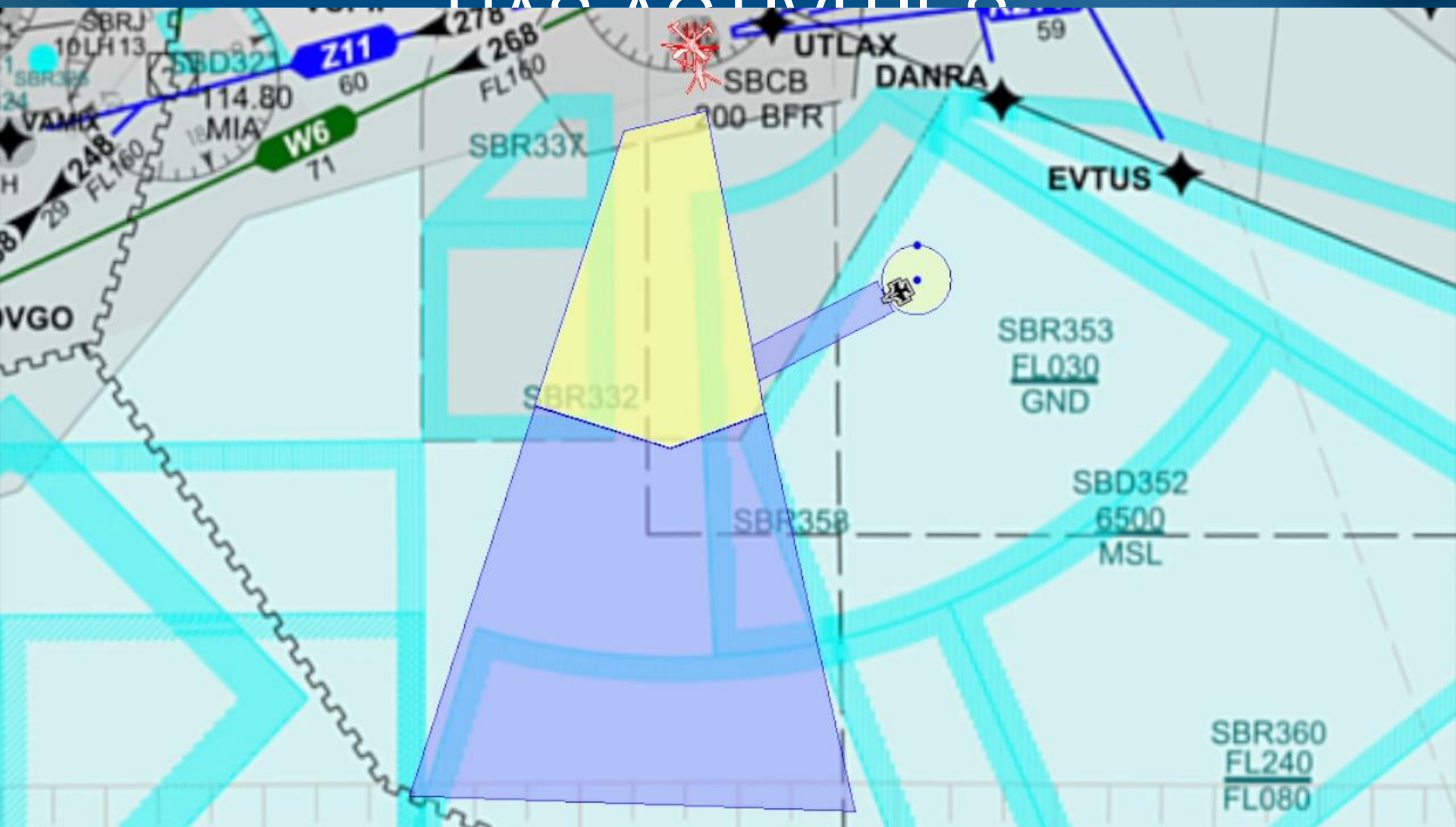


UAS ACTIVITIES

- 2011 – R&D – Brazilian Universities



HAZARD ACTIVITIES



UAS ACTIVITIES

- 2015 – The third edition of document regarding airspace access by Unmanned Aircraft Systems.

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA



TRÁFEGO AÉREO

ICA 100-40

SISTEMAS DE AERONAVES REMOTAMENTE
PILOTADAS E O ACESSO AO ESPAÇO AÉREO
BRASILEIRO

2016



UAS ACTIVITIES



- 2016 – Avionics Services.

Brazilian Hunter Takes Flight

by David Donald - July 11, 2016, 1:35 AM

AVIONICS[®]
services



UAS ACTIVITIES

- 2016 – The Forth edition of document regarding airspace access by UAS.

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA



TRÁFEGO AÉREO

ICA 100-40

SISTEMAS DE AERONAVES REMOTAMENTE
PILOTADAS E O ACESSO AO ESPAÇO AÉREO
BRASILEIRO

2016



UAS ACTIVITIES



- 2018 – Avionics Services.
 - Civil – Military cooperation.



SCRIPT



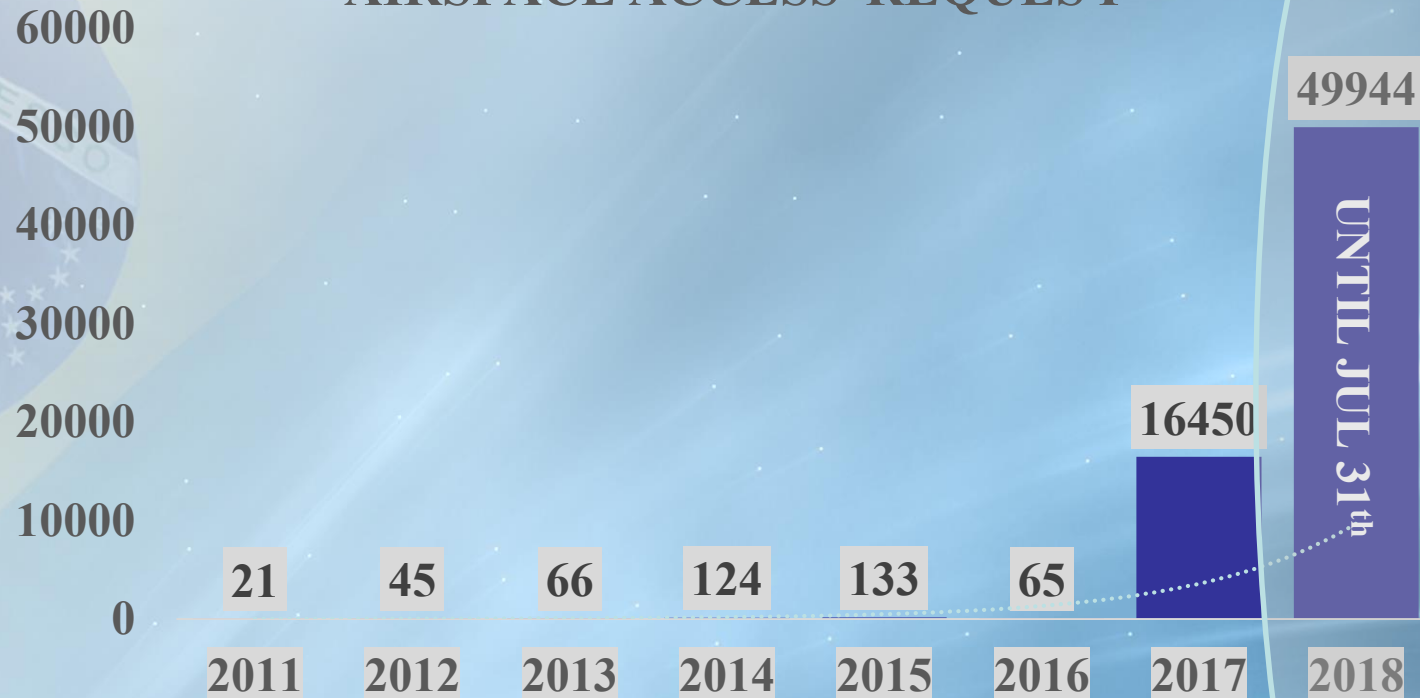
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THE GROWTH OF UAS OPERATIONS



AIRSPACE ACCESS REQUEST



Source: Department of Airspace Control



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INITIATIVES

Civilian Aviation Secretariat's Working Group



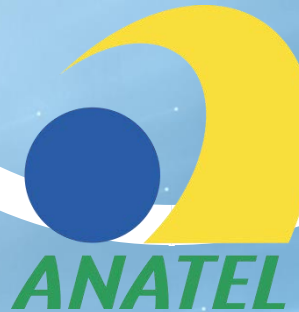
Secretaria de
Aviação Civil
PRESIDÊNCIA DA REPÚBLICA



2015



Receita Federal



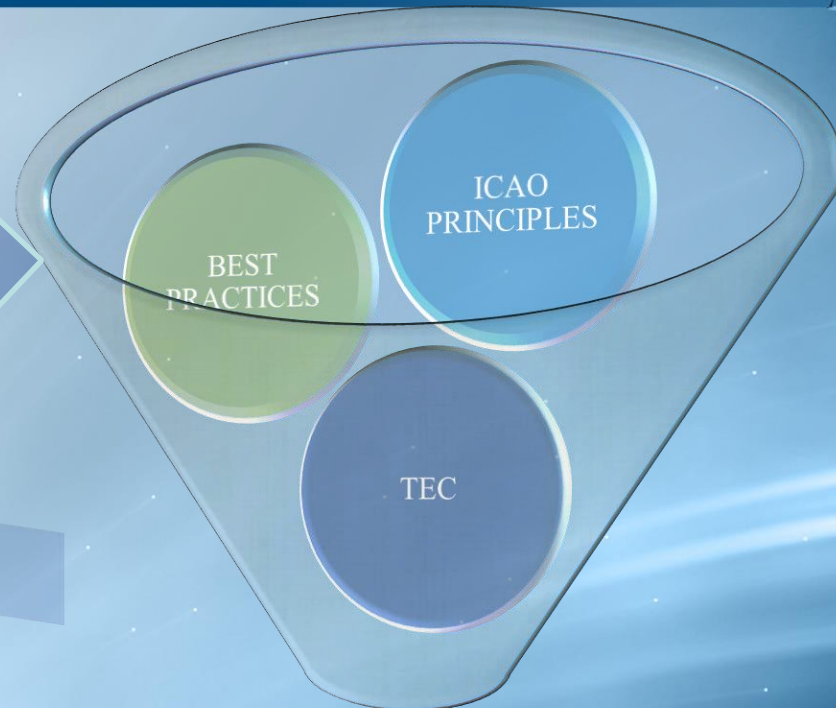
ANATEL



INITIATIVES

Brazilian's RPAS Committees

LIVING DOCUMENTS



RULE MAKING



INITIATIVES



xmrobots



INITIATIVES



Acesso Seguro ao Espaço Aéreo Brasileiro



SENISANT



FORÇA AÉREA BRASILEIRA
Asas que Protegem o País



Curitiba - PR

De 11 a 13 de março de 2019



Thank you



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