



# BRAZIL

## CURRENT AND UPCOMING PROJECTS



**Departamento de Controle  
do Espaço Aéreo**

DEPARTMENT OF AIR SPACE CONTROL - DECEA

[www.decea.gov.br](http://www.decea.gov.br)

A satellite-style map of South America is shown against a dark blue background. The continent's outline is highlighted in yellow. A circular callout with a dark blue border and a teal fill is positioned over the southern part of the continent, specifically covering the southern tip of Brazil and the northern part of Argentina. A semi-transparent black box is overlaid on the upper left portion of the map.

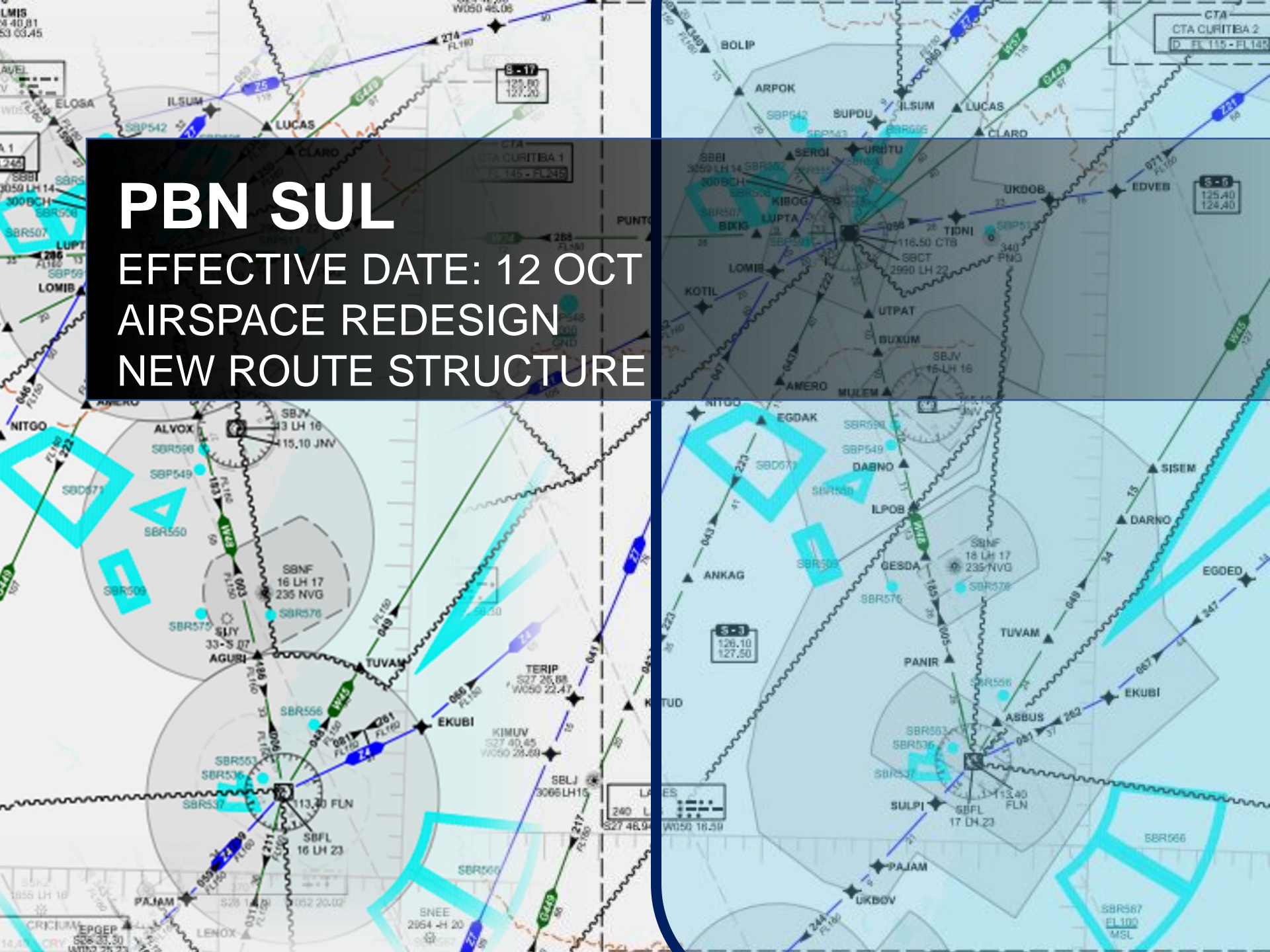
# **PBN SUL**

**EFFECTIVE DATE: 12 OCT**

**AVAILABLE ON WEBSITE AISWEB**

# PBN SUL

EFFECTIVE DATE: 12 OCT  
AIRSPACE REDESIGN  
NEW ROUTE STRUCTURE

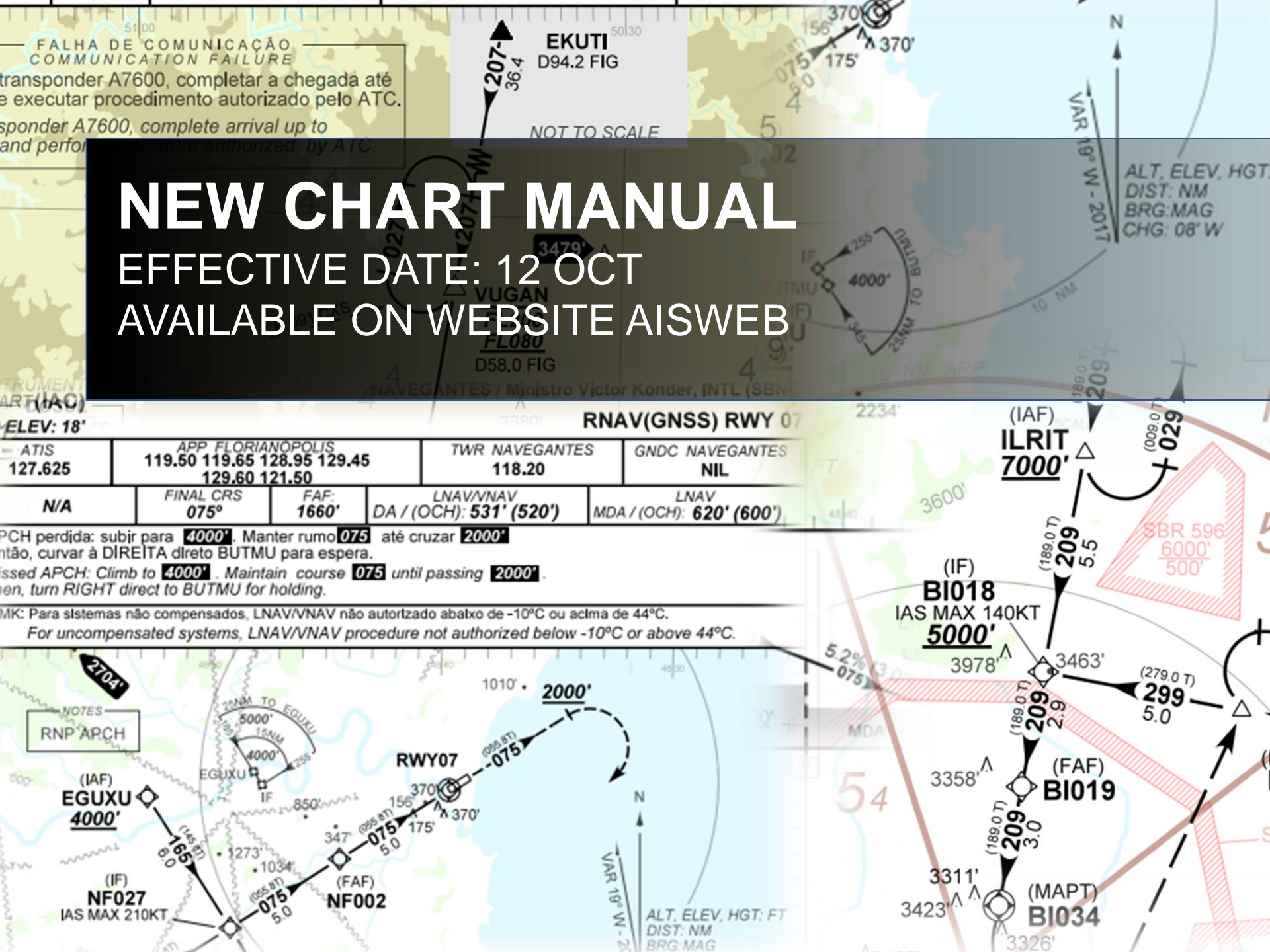


# PBN SUL

## CURRENT ACTION

### ATC TRAINING





# NEW CHART MANUAL

EFFECTIVE DATE: 12 OCT

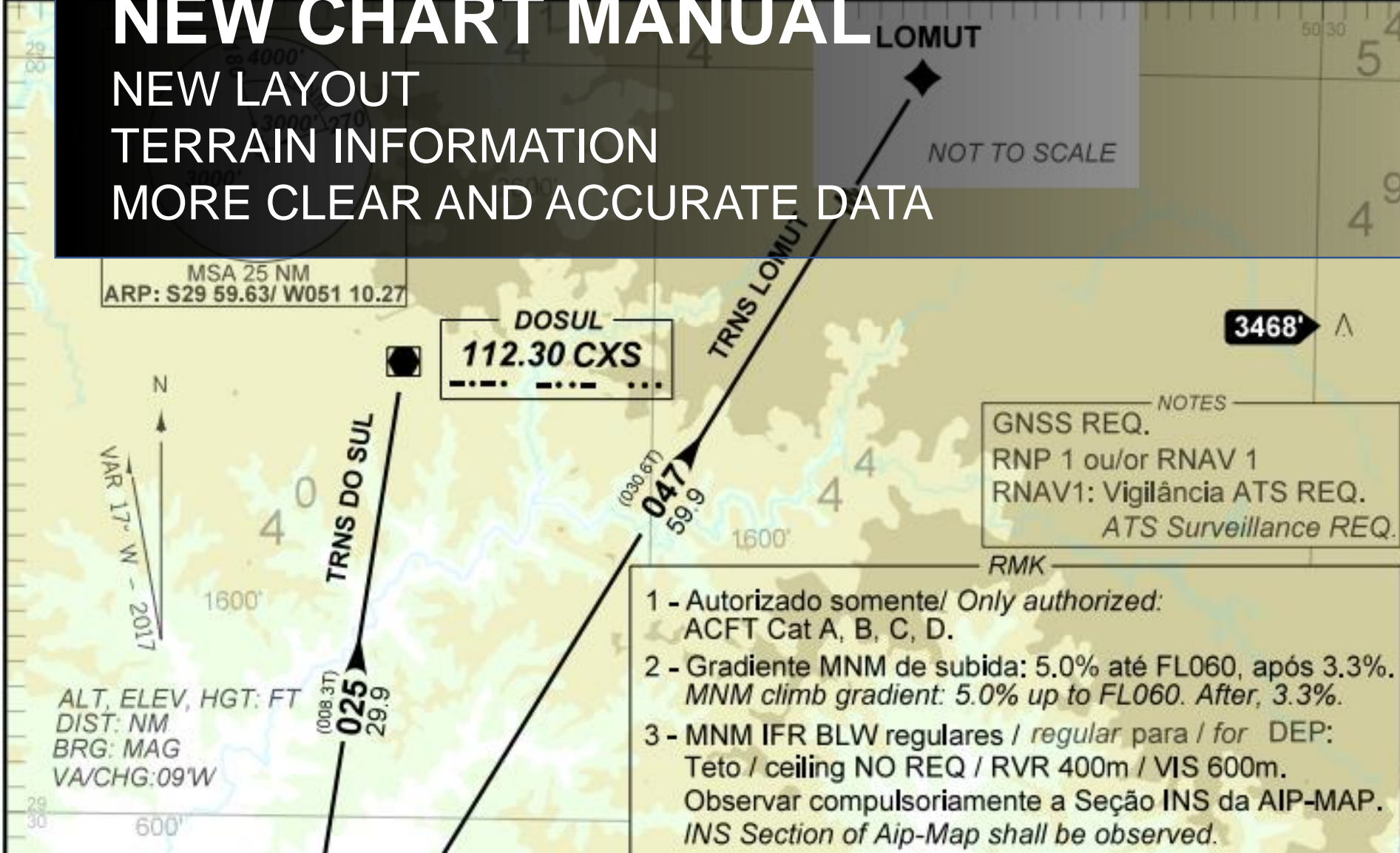
AVAILABLE ON WEBSITE AISWEB

AD ELEV: 12'

RNAV ISEPA

TA 4000'	TWR PORTO ALEGRE 118.10 121.50	APP PORTO ALEGRE 119.00 120.10 120.55 128.90 121.50	ACC CURITIBA 126.10 127.50 128.45 135.85 121.50
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**NEW CHART MANUAL**  
NEW LAYOUT  
TERRAIN INFORMATION  
MORE CLEAR AND ACCURATE DATA



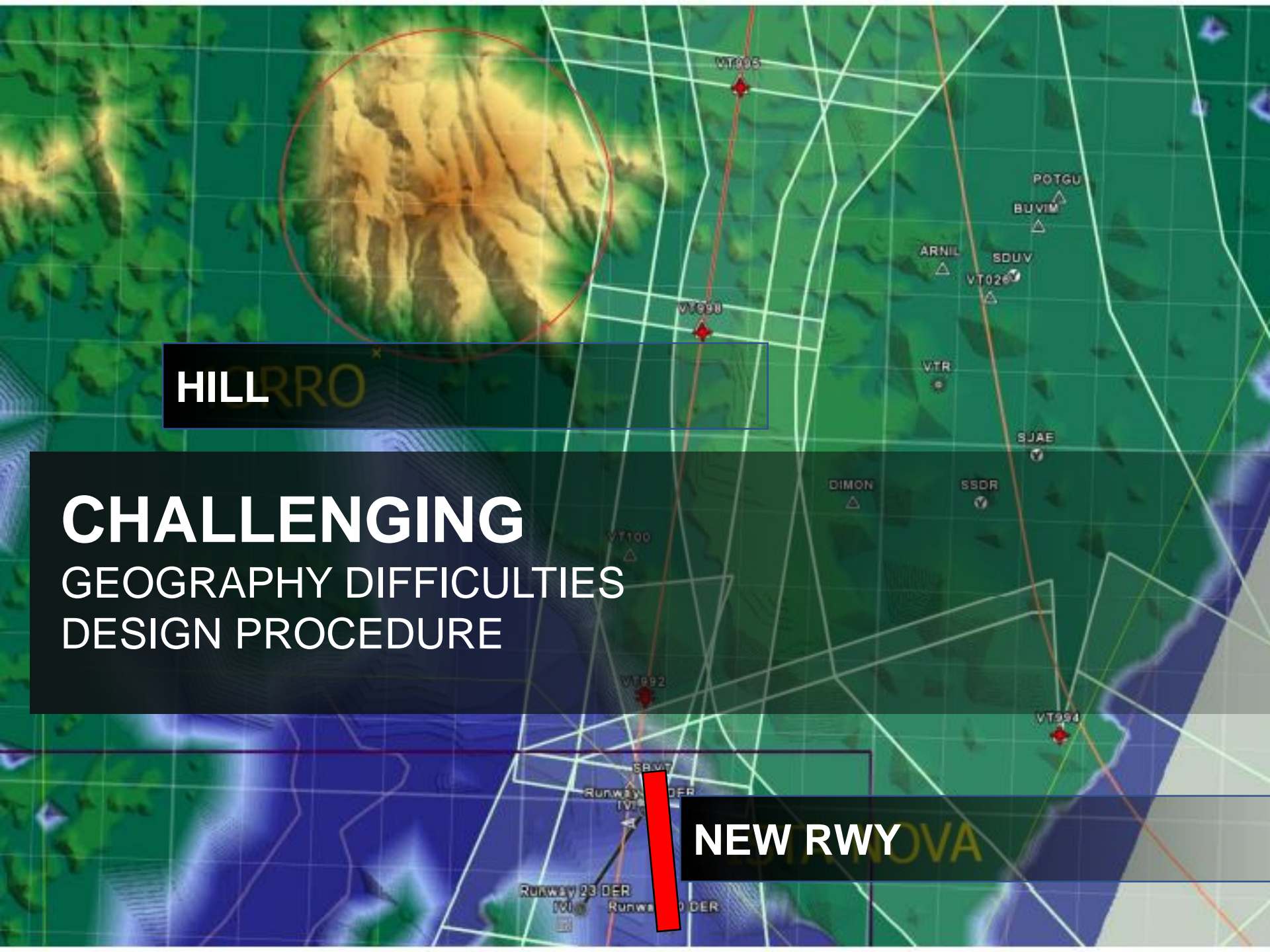
# PBN TMA VITORIA

PBN IMPLEMENTATION

NEW RUNWAY 02/20

RADAR OPERATION

Aeroporto de Vitória - Eurico de Aguiar Salles (



**HILL**

**CHALLENGING  
GEOGRAPHY DIFFICULTIES  
DESIGN PROCEDURE**

**NEW RWY**

# NEW TMA SAO PAULO

BALANCE ATC SECTORS

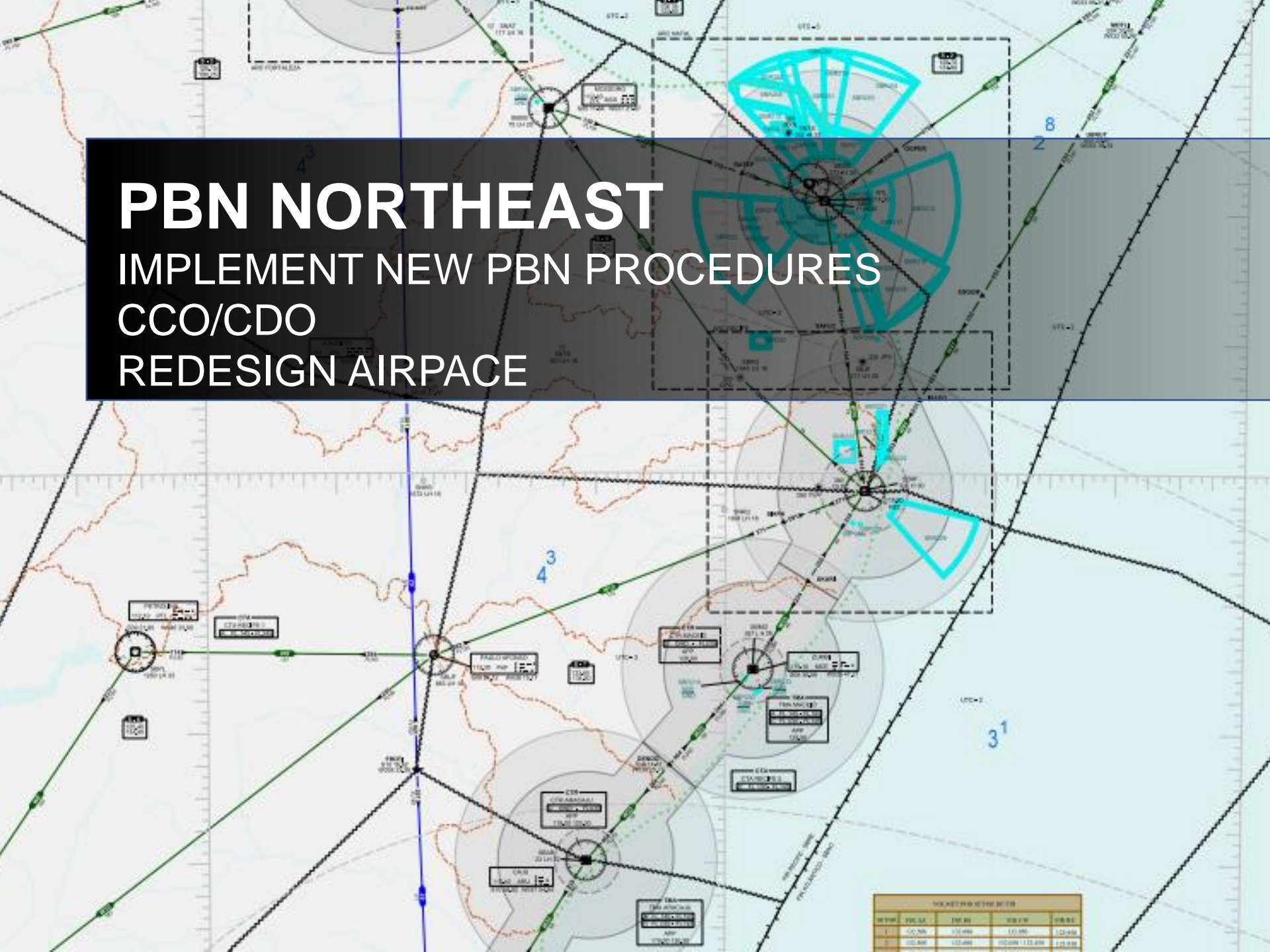
IMPROVE SID, STAR, IAC TRAJECTORIES

AIRSPACE REDESIGN – CONSIDER PRESENT SCENARIO



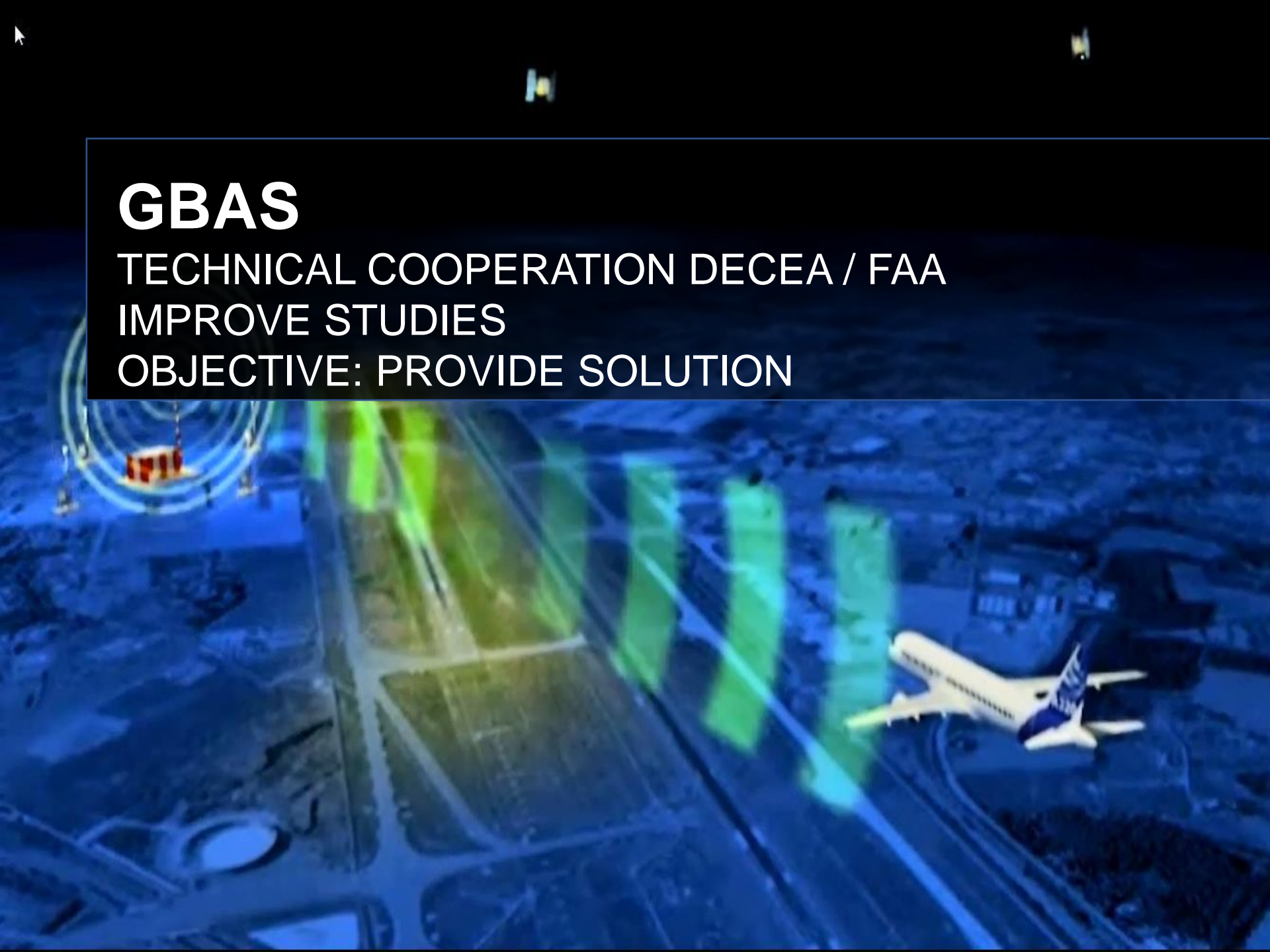
# PBN NORTHEAST

IMPLEMENT NEW PBN PROCEDURES  
CCO/CDO  
REDESIGN AIRSPACE



# GBAS

TECHNICAL COOPERATION DECEA / FAA  
IMPROVE STUDIES  
OBJECTIVE: PROVIDE SOLUTION



# ATC GUARULHOS

IMPLEMENT SIDE-STEP APPROACHES  
WORKING GROUP IN PROGRESS  
OBJECTIVE: INCREASE CAPACITY


 Aeroporto Internacional de São Paulo (GRU)

Image Landsat / Copernicus

Go

QUESTIONS?  
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THANK YOU  
ANDRE



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do Espaço Aéreo

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