



**Twenty-first Meeting of the CAR/SAM Regional Planning and Implementation Group
(GREPECAS/21)**

Santo Domingo, Dominican Republic, 15 to 17 November 2023

**Agenda Item 3: Global and Regional Developments
3.3 CAR/SAM Air Navigation Services (ANS) Implementation Level**

SOOOFRA: Implementation of a Free Route Airspace in CAYENNE UTA on April 15th 2023

(Presented by France)

EXECUTIVE SUMMARY	
Free Route Airspace has been introduced in CAYENNE UTA on April 15th 2023.	
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"> • Air Navigation Capacity and Efficiency • Environmental Protection
<i>References:</i>	<ul style="list-style-type: none"> • • GANP ASBU element NAVS

1. Introduction

1.1 Free Route Airspace (FRA) has been introduced in CAYENNE UTA on April 15th 2023.

2. Free Route Airspace Cell definition

2.1 Free route airspace (FRA) is a specified airspace within which users may freely plan a route between a defined entry point and a defined exit point, without reference to the ATS route network.

2.2 The route can make use of intermediate (published or unpublished) significant points or can be flown directly from an entry point to an exit point.

3. Free Route Airspace Cell features

3.1 Within this airspace, flights remain subject to air traffic control.

3.2 Existing ATS routes are discontinued.

3.3 Existing entry/exit points and general traffic flow orientations remain unchanged.

3.4 Usable intermediate points are non-determined points expressed as geographical coordinates.

4. Free Route Airspace benefits

4.1 By offering the most cost-saving routes, the airspace will become more attractive to airlines.

4.2 The flow of oceanic transit will be improved thanks to more direct, fuel-efficient, and therefore greener, routes.

5. Further steps to be taken

5.1 This implementation supplements the redesign of SID/STAR carried out in early 2024 so as to take into consideration environmental issues (continuous descent, decrease in holding time, avoidance of Cayenne urban area overflight).

5.2 The implementation of AIDC with neighbouring ANSPs (Trinidad & Tobago, Senegal, Brazil).

5.3 Development of satellite-based ADS-B which would allow for a reduction of horizontal separations (from 100Nm to 20Nm) and upgrade to Tier 2 ADS-B.

Cayenne UTA prior to April 15th 2023



Cayenne UTA after April 15th 2023

