



Service de la Navigation  
Aérienne

Division Circulation Aérienne  
Tahiti – Faaa  
Subdivision Etudes



---

# ISPACG Planning Team 17

Cliquez pour ajouter un texte

## 2<sup>nd</sup> March 2015



**SANTIAGO du CHILI**

Ressources, territoires, habitats et logement  
Énergie et climat  
Prévention des risques  
Développement durable  
Infrastructures, transports et mer

**Présent  
pour  
l'avenir**



Direction générale de l'Aviation civile  
Ministère de l'Écologie, du Développement durable et de l'Énergie



# Context

- In France (and in French Polynesia) as everywhere in the world, Remotely Piloted Aircraft Systems (RPAS) activities have been increasing in the last past years
- The development of RPAS has opened a new chapter in the history of aviation and the full integration of civil RPAS into ATM system is vital.
- To protect over flown populations and other users of airspace, France implemented a regulation in April 2012
- This regulation was also wished by RPAS users and manufacturers in the sector.
- This regulation is dedicated to RPAS with low mass and size (usually less than 25 kg) and must not require heavy oversight from the Authority

# Regulation Principles

## 1. For recreational activity

- RPAS are forbidden over 500 ft except in segregated airspace in order to separate them from others airspace users.
- No airworthiness certificate (for RPAS under 25 kg), no pilot license and no airspace usage notification are required.

## 2. For professional purposes

- 4 operational guidelines have been developed depending on several criteria as operations in visual line of sight or not, distance between the pilot and the RASP...
- Cases which are not falling within the 4 scenarios are taken into account on a case by case basis.

# Feed Back

- It's rather difficult to check the real application of the regulation
- It's necessary to reinforce the information to the potential users on the existence of a regulation (most of non-compliance is not voluntary).
- An information booklet summarized the regulation will be systematically given with a use manual to the buyers of RASP.
- Nevertheless, 25 infractions have led to legal procedures leading to fines up to 500 €, RASP confiscations and even suspended prison sentence for the last 2 years.

# SESAR demonstration projects

- As a result of a call for proposals, 9 civil RPAS Demonstration Projects were selected with a co-financing of EUR 4 million.
- Two projects are carried out by France:
  1. ODREA : Operational Demonstration of RPAS in European Airspace. *Real time simulations in order to measure the impact of having several RPAS in terminal area (Toulouse 26/10 - 07/11/2014)*
  2. TEMPAERIS : Testing Emergency Procedures in Approach and En Route Integration Simulation. *Fast time simulations to study the efficiency of « RPAS Detect and Avoid » (Bordeaux 02/02 - 06/02/2015)*
- At the moment no test planning in TAHITI FIR.

# *Questions?*

