



STAC

Civil Aviation Technical Department

Boasting a wide variety of skills derived from the former Airbase Technical Service Department (STBA) and the Air navigation Technical Service (STNA), the STAC is the technical support service for the DCS concerning airports, security and air navigation.

Scientific and technical expertise

In order to perform the roles of inspector and regulator, it seemed advisable - in the new organisation - to retain some technical added value within the DGAC itself. A Department with a National remit, the STAC brings together a mix of skills (equipment and civil aviation engineers and technicians, architects, etc), and a wide range of meas-

uring tools and test centres. First of all it is a resource centre for the DCS - to which it is linked - for audits, inspections, supervision activities, and gathering feedback.

Based on the development of scientific and technical monitoring, and on expertise gained through its engineering projects on behalf of the Ministry of Defence (Air Force and Naval Air Force), which pose no conflict of interest with its certification role, the STAC's vocation also includes contributing to the definition, distribution and implementation of the rules within its field of competence. Thus it also assists the DAST in its technical regulation role, the DRE with regard to airports and the DPAC with technical support in international co-operation.

«**A PRECISELY SET STANDARD, SEEN TO BE NEITHER TOO LOW NOR TECHNICALLY UNREALISTIC.**»

Fields of Competence

Seen from the point of view of inspection and quality, the STAC operates in three major fields: airports (military as well as civilian); transport security (thus beyond simply air transport), and - a significant new development - air navigation

AIRPORTS

All areas are covered: aviation-related roads/runways, etc, development, capacity, the environment, equipment, buildings, etc. Thus, the STAC has been the lynchpin of the auditor's manual for the certification of airports. This manual should be distributed as part of a framework of co-operation with foreign counterparts. As a central technical department, the STAC must also produce methodological markers for the aerodrome manual required by operators or for safety studies required in case of exemptions to normal specifications.

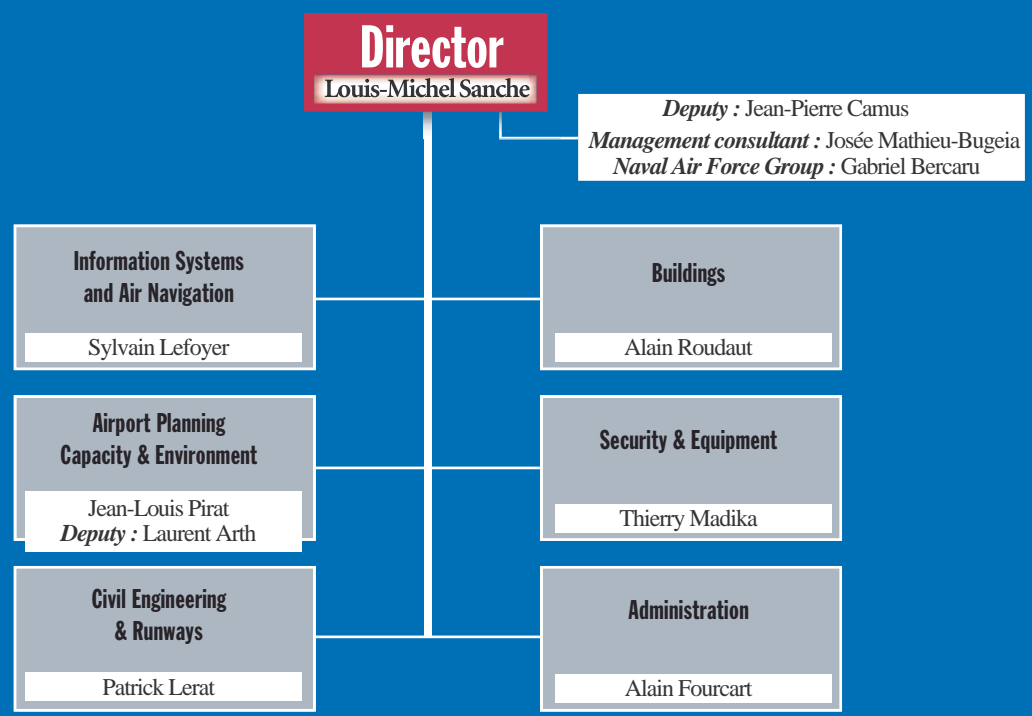
SECURITY

The STAC concentrates its efforts on technical monitoring and on the assessment of security equipment and systems performance. It has two test centres in order to do this, which provide unique resources for studies and certification.

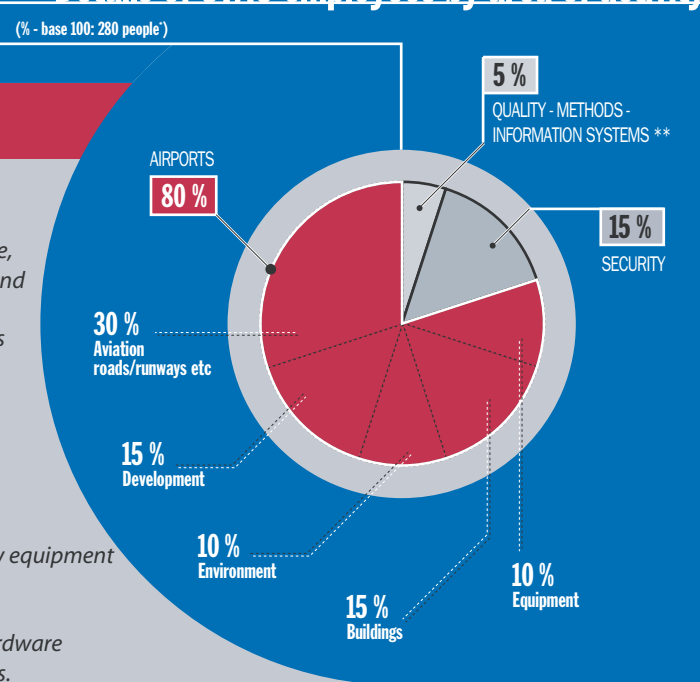
AIR NAVIGATION (DSNA)

In this area of activity - which is "under construction" within a new technical department that brings together quality, methods and information systems - the STAC will provide the DCS with its increasing expertise in fields such as operational security and methods to ensure interoperability of equipment. ■





Details of STAC employees by area of activity



IMPORTANT FACTS

MEASUREMENT
laboratory measurement activity (for noise, atmospheric pollution, bearing capacity and friction of pavement, markers, etc) has developed using the original resources of the STAC for certification purposes.

- THREE TEST CENTRES**
- **Biscarrosse**: tests of explosive detection equipment and canine.
 - **Bonneuil**: tests of certification of security equipment and performances of systems.
 - **Toulouse**: tests of certification of the hardware of beaconing of aerodromes and obstacles.

PROJECT MANAGER

the STAC produced the auditor's manual for airport certification.

*includes 65% of staff originally from Works Department and 35% DGAC
**for air navigation activity