



New ENAIRE landmark in technological modernisation and digital transformation

## ENAIRe implements the electronic flight progress strip in the Barcelona Control Tower

- The initiative is part of the "BCN a Punt" plan, endorsed by the Ministry of Public Works, and ENAIRE's own ATENEA Plan, intended to improve all operations at the airport, and specifically the management of air navigation
- The El Prat Control Tower becomes the third, after Malaga and Palma de Mallorca, where ENAIRE has launched the electronic strip
- It will be phased in at the remaining towers where ENAIRE provides aerodrome control services, like the Adolfo Suárez Madrid-Barajas Airport
- The electronic flight strip replaces the manual paper entries, facilitating the work of air traffic controllers

**26 December 2018**

ENAIRe, the air navigation manager in Spain, has successfully implemented the electronic flight progress strip in the control tower at the Barcelona-El Prat Airport.

With the implementation of the electronic strip, all the entries that were previously made manually by controllers will not be entered and updated electronically, from flight plan management to clearances and transfers of aircraft, which are now shown and displayed on the radar screen.

ENAIRe controllers stationed in the control tower at the Barcelona Airport have different duties:

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- Clearance delivery: approves the flight plan and provides the information that crews need prior to a flight.
- Ground controller: handles the ground movement of an aircraft, from the time it vacates the runway until it reaches the parking stand, and vice versa.
- Local controller: manages and authorises landings and take-offs.

### **Increasingly efficient air traffic control**

The electronic flight progress strip is an important step forward, since it makes the air controller's job easier in terms of service efficiency and quality, by reducing the communications workload and digitising processes.

This implementation was made possible by the excellent attitude of ENAIRE's air traffic controllers in Barcelona, who received theoretical and practical training to familiarise them with this new tool.

This paperless system is part of an ambitious programme to evolve Spain's air traffic control system, a programme that started in the control towers of the Malaga-Costa del Sol and Palma de Mallorca airports.

ENAIRE plans to continue incorporating the electronic flight strips in every tower where it provides aerodrome control services, including the tower at the Adolfo Suárez Madrid-Barajas Airport.

### **'BCN a Punt' Plan endorsed by the Ministry of Public Works**

The implementation of the electronic strip in the el prat tower is part of the "BCN a Punt" plan, presented in Barcelona this past 29 November by the Secretary of State for Infrastructure, Transport and Housing and President of ENAIRE, Pedro Saura, on the occasion of the meeting of the Catalan Airport Coordination Committee.

The initiative is designed to continue improving operational efficiency at the airport through a set of measures that go beyond Spain's borders by virtue of being part of the Single European Sky programme.

### **ENAIRE's new ATENEA office**

As part of the "BCN a Punt" plan, ENAIRE is taking over the ATENEA plan office, whose specific mission it will be to implement operational and

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technical improvements in the area of air navigation, in coordination with the airport manager, Aena.

### About ENAIRE

ENAIRE is the company belonging to the Public Works Department that handles air navigation in Spain. It renders aerodrome control services at 21 airports, including those with the most traffic.

All aircraft crossing the airspace assigned to our country receive communications, navigation and surveillance services using ENAIRE's modern network of facilities, consisting of:

5 control centres, 2 terminal area control centres, 237 radio aids providing en-route airport guidance and approach support, 54 en-route, approach and surface surveillance systems, 90 communications centres (combining transmitter/receiver centres and control towers), 100 REDAN voice and data communication nodes for air navigation applications, 126 control tower posts, and 153 control centre posts.

In 2017, ENAIRE operated 1.99 million flights to and from four continents (Europe, America, Asia and Africa), transporting 284 million passengers.

So far this year, ENAIRE has already handled over two million flights, and it will close out 2018 with some 90,000 more flights than in 2017, on which 300 million people will have travelled.