

MISSION CONTROL CENTER

In search of the most suitable patterns for the Round-the-World route, several thousand flights have been simulated since 2005, taking account of varying meteorological conditions.

When flights are in progress, the flight parameters are re-calculated twice a day, taking into consideration the prevailing weather situation and amount of sunshine. Flight altitudes and track are optimized to ensure enough on-board stored energy to fly through the night.

In permanent contact via satellite with the airplane, the Mission Control Center (MCC) is the pilot's "guardian angel".

Twenty specialists anticipate every possible scenario and transmit information enabling the pilot to follow the optimum flight plan and complete his mission successfully.

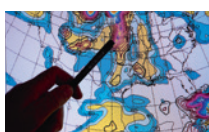


Flight Director manages the team, and together with the pilot, takes the main strategic decisions.



Air Traffic Controllers coordinate the flight trajectory with regional control centres.

Meteorologists analyze the weather forecasts to find a suitable window for the flight, as well as a favourable routing.



Mathematicians calculate the flight parameters, taking into account meteorological data, amount of sunshine and air traffic restrictions.

Capcom is responsible for direct voice communications with the pilot.

Engineers draw up the flight plan and monitor the aircraft's technical data.

