

## Case Study | Titan Airways

**Titan Airways contacted us when planning for a flight from Montevideo Carrasco International Airport in Uruguay to Easter Island. Titan Airways had little experience of operating in this region, so the more specific information that could be added to their pre-flight planning stage the better. The decisions that Titan Airways make at this pre-flight planning stage would ultimately affect their itinerary.**

### Challenge

The challenges Titan Airways would face on this flight included the remote location of Easter Island and the holding of fuel when it was already at a premium. The Andes would also provide them with challenges including:

- difficult oxygen escape routes due to the high minimum safe altitude;
- potential for severe turbulence;
- potential for headwinds that they would need to avoid to maximise their endurance.

### Solution

MetInsight® briefing by teleconference was arranged between the crew and a Met Office meteorologist. The briefing provided information about the route and planned timings to assist in their preparation.

Our meteorologists were specifically looking for:

- En-route weather.
- Turbulence.
- Visibility, especially for the Iguazo Falls area.
- Type of weather and hazards on the flight.

### Benefits

The Titan Airways crew had previously flown the Falklands Airbridge and already understood the benefits of a briefing from a meteorologist to provide additional details for the weather en-route. On this occasion the pre-flight and en-route weather was as expected from the forecasts. Had the weather been more challenging the input from the Met Office would have been essential to help the crew in their decision making.



*Easter Island.*

*“Met Office forecast enabled Titan Airways crew to plan more efficiently for our flight.”*

*Philip Prele, Titan Airways.*

To find out more:

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