

ATMOSPHERE supports NASA on NextGen!

Toulouse and Munich, 24 January 2017,

We are happy to announce that ATMOSPHERE has been chosen to support the ongoing flight tests of the NASA's Air Traffic Management Technology Demonstration-1 (ATD-1). This experimentation is part of NASA's contribution to the Next Generation Air Transportation System ([NextGen](#)) Programme.

NASA's ATD-1 campaign

The ATD-1 flight test campaign aims at demonstrating a new prototype aircraft spacing tool, a possible answer to the following issue:

How to optimise the arrival capacity at airports during the busiest times?

In coordination with the Federal Aviation Administration (FAA), NASA, along with flight campaign lead Boeing and team members Honeywell and United Airlines, are conducting a research effort to evaluate the performance of a prototype system for Flight Deck Interval Management (FIM). Some benefits of the FIM technology are already expected, including the smart optimisation of schedules – or intervals – and spacing between two aircraft arrivals.

PLANET customised for NASA's flight tests

[PLANET](#) is our real-time collaborative platform for flight mission management.

In preparation of the ATD-1 flight tests, our PLANET system has been customised according to NASA specifications to deliver the ADS-B IN capability and display approaches. PLANET is being used to coordinate in real-time the operations between the involved stakeholders on ground and in the air.

The ATD-1 field demonstration involves 3 aircraft: Honeywell's Falcon 900 jet and Boeing 757, and a Boeing 737 supplied by United Airlines. In total, 18 flights are planned in the area of Moses Lake over Washington State.

Learn more about the ATD-1 project and flight tests:

www.nasa.gov/aero/nasa-aircraft-arrival-technology-gets-big-test-in-2017

Disclaimer: No official NASA endorsement of ATMOSPHERE or its products is implied or intended by the above communication.

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About ATMOSPHERE:

ATMOSPHERE, an SME based in France and Germany, designs, develops and operates connectivity solutions for aviation.

Founded in 2008, ATMOSPHERE has developed core expertise in aeronautics, satellite telecommunication, networking and weather science.

Today, the company supports various flight operations worldwide, ranging from general aviation - including scientific missions - to commercial air transport and helicopter missions. ATMOSPHERE also performs aerospace systems research and development.

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Pictures:



PLANET Display with the 3 three aircraft at Moses Lake (ATD-1 First Flight 20.01.2017)



PLANET Display - Moses Lake approach (ATD-1 Configuration)

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PLANET Display – B757 Cabin (Courtesy Honeywell)



PLANET Display – B757 Cockpit (Courtesy Honeywell)

